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CATALOGUE

OF THE

SPECIMENS

OF

HEMIPTERA HETEROPTERA

IN

THE COLLECTION

OF THE

BRITISH MUSEUM.

PART VIII.

BY

FRANCIS WALKER.

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PREFACE.

The object of the present Catalogue is to give a complete List of all the genera and species of Hemiptera Heteroptera known to exist in the collections of European and American Entomologists. The letters *a*, *b*, *c*, &c., after the species, denote the specimens now contained in the British Museum, followed by the *habitat* and the mode in which each of them was obtained; and the absence of these *letters* indicates the species which are desiderata, and therefore desirable to be procured for the collection.

J. E. GRAY.

British Museum,
August 1*st*, 1873.

CATALOGUE

OF

HEMIPTERA HETEROPTERA.

PART VIII.

Genus 6. OPINUS.

Tapeinus, *De Lap. Hem.* 81—Opinus, *De Lap. Hem. Suppl. Serv. Hist. Hem.* 338—Tapinus, *Burm. Handb. Ent.* ii. 236.

America.

Div. 1.

Thymbreus, *Stal, Ofv. K. V. Ak. Forh.* xvii. 185.

The two following species were inserted in Pt. VII., p. 132. as Pachynomi.

1. Opinus pyrrhopterus.

Opinus pyrrhopterus, *Stal, Rio Jan. Hem.* 72—Thymbreus pyrrhopterus, *Stal, Ofv. K. Vet. Ak. Forh.* xvii. 186.

Brazil.

2. Opinus crocinopterus.

Thymbreus crocinopterus, *Stal, Stett. Ent. Zeit.* xxiii. 457.

Mexico.

3. Opinus pygmæus.

Fulvus, fere linearis; caput prothoraeis lobo antico paullo longius; antennarum articulus 2us piceus, 3us 4usque testacei; prothoraeis lobus anticus lobo postico vix brevior, antice bituberculatus; femora antica robusta, subtus spinulosa; alæ anticæ nigra basi fulva.

Tawny, nearly linear. Head small, short, a little longer than the fore lobe of the prothorax; ante-ocular part a little shorter than the post-ocular. Antennæ longer than the head and the prothorax together; first joint as long as the ante-ocular head; second piceous, stout, twice as long as the first; third and fourth testaceous, very slender; third much shorter than the second; fourth as long as the third. Prothorax with a slight longitudinal furrow. Fore lobe nearly as long as the hind lobe, with a

small tubercle on each side of the fore border. Hind lobe with the hind angles rounded, not prominent. Scutellum blackish, equilaterally triangular. Fore femora stout, spinulose beneath. Fore wings black, tawny towards the base. Length of the body $2\frac{3}{4}$ lines.

a. Tejuca. Presented by the Rev. H. Clark.

Africa.

4. Opinus acuticeps.

Niger, longissime ovalis; caput prothoracis lobo antico triplo longius; prothorax rufus, lobis æquilongis; pedes rufi, tibiis quatuor posterioribus femoribusque nigris, tibiis anticis nigro unifasciatis.

Black, dull, very elongate-oval. Head lanceolate, thrice as long as the fore lobe of the prothorax; ante-ocular part twice as long as the post-ocular. First joint of the antennæ stout, shorter than the head, much longer than the second. Prothorax red, with rounded and not prominent angles. Fore lobe as long as the hind lobe, convex on each side of the longitudinal furrow. Legs red; femora and four posterior tibiæ black above; fore tibiæ with a black band. Length of the body $4\frac{1}{2}$ lines.

a. Sierra Leone. From Mr. Foxcroft's collection.

South Asia and Eastern Isles.

Div. 1.

5. Opinus rubropictus.

rubropictus, *Serv. Hist. Hem.* 339.

Java.

Div. 2.

Sminthus, *Stal, Ofv. K. Vet. Ak. Forh.* xvii. 186.

6. Opinus proximus.

proximus, *Serv. Hist. Hem.* 346—Sminthus proximus, *Stal.*

Java.

7. Opinus pictus.

pictus, *De Lap. Hém.* 78, 82. *Serv. Hist. Hem.* 340—Tapinus pictus, *Burm. Handb. Ent.* ii. 236. *H.-Sch. Wanz. Ins.* viii. 56, pl. 267, f. 825—Hammatocerus pictus, *Blanch. Hist. Nat. Ins.* iii. 105—Sminthus pictus, *Stal.*

Java.

Var.? proximus, *Serv. Hist. Hem.* 340.

8. Opinus inconspicuus.

Tapirus inconspicuus, *H.-Sch. Wanz. Ins.* viii. 57, pl. 26, f. 826—Sminthus inconspicuus, *Stal.*

Java.

9. Opinus rufus.

rufus, *De Lap. Hém.* 78, 82. *Serv. Hist. Hem.* 340—Tapirus rufus, *Burm. Handb. Ent.* ii. 236.

a. Java. Presented by J. C. Bowring, Esq.
b, *c*. ——?

10. Opinus gratiosus.

Sminthus gratiosus, *Stal, A. S. E. F.* 4*me Sér.* iii. 55.

Tondano.

11. Opinus limbaticollis.

Sminthus limbaticollis, *Stal, Ofv. K. Vet. Ak. Forh.* xxiii. 238.

Malacca.

Div. 3.

Lenæus, *Stal, Ofv. K. Vet. Ak. Forh.* xvii. 186.

12. Opinus Pyrrhus.

Lenæus Pyrrhus, *Stal, Ofv. K. Vet. Ak. Forh.* xvii. 187.

Ceylon.

13. Opinus punctorius.

punctorius, *Stal, A. S. E. F.* 4*me Sér.* iii. 55.

Wagiou.

14. Opinus strigifer.

Fœm. *Rufus, depressus, subfusiformis, subtus planus testaceus; caput subellipticum, prothoracis lobo antico æquilongum; antennæ nigræ; prothoracis lobi æquilongi; abdomen apice nigricans; femora antica valida; membrana nigricans.*

Female. Red, flat, smooth, shining, fusiform, testaceous beneath. Head subelliptical, as long as the fore lobe of the prothorax; ante-ocular part as long as the post-ocular. Antennæ black, longer than the head and the prothorax together; first joint very short; second about six times as long as the first; third longer than the second. Prothorax with a longitudinal furrow; fore lobe as long as the hind lobe. Abdomen blackish at the tip; its disk beneath and the pectus flat. Fore femora stout. Membrane blackish. Length of the body $4\frac{1}{2}$ lines.

a. Malacca. Presented by W. W. Saunders, Esq.

15. Opinus rugicollis.

Mas et fœm. *Rufus, longissime ovalis; caput prothoracis lobo antico longius; antennæ nigræ, corporis dimidio longiores; prothoracis lobus anticus rugulosus, lobo postico paullo brevior; femora antica crassa; sulci tibiarum anticarum brevissimi; membrana nigra.*

Male and female. Red, smooth, shining, very elongate-oval. Head fusiform, somewhat longer than the fore lobe of the prothorax; ante-ocular part longer than the post-ocular. Antennæ black, more than half as long as the body; first joint shorter than the ante-ocular head; second four times as long as the first; third shorter than the second. Fore lobe of the prothorax rugulose, a little shorter than the hind lobe; fore angles rounded, not prominent. Hind lobe with a longitudinal furrow; hind angles rounded, hardly prominent. Fore femora thick. Furrow beneath the fore tibiæ very short. Membrane black. Length of the body 6 lines.

a, *b*. Ceylon. Presented by Dr. Templeton.

16. Opinus semicostalis.

Mas et fœm. *Rufus, depressus, longissime ovalis; caput prothoracis lobo antico paullo longius; prothoracis lobus anticus lobo postico paullo brevior; scutellum apicem versus spiniforme; femora robusta; alæ anticæ nigræ, basi et apud costam rufæ.*

Male and female. Red, flat, smooth, shining, very elongate-oval. Head subfusiform, of the male with two short porrect spines in front, a little longer than the fore lobe of the prothorax; ante-ocular part longer than the post-ocular. Antennæ with the first and second joints shorter, the second also thicker in the male than in the female. Prothorax with a longitudinal furrow; angles rounded, not prominent. Fore lobe a little shorter than the hind lobe. Scutellum ending in a short spine. Femora stout. Fore wings black, red at the base and along the costa of the corium. Length of the body 5 lines.

a. Cambodia. From M. Mouhot's collection.
b. Siam. From M. Mouhot's collection.

17. Opinus nigripes.

Mas. *Rufus, depressus, longi-subovalis; caput antice bispinosum, prothoracis lobo antico longius; antennæ nigræ; prothoracis lobi æquilongi; ventris macula apicalis nigra; pedes nigri, femoribus anticis subtus dentatis; alæ anticæ nigræ, basi costæque dimidio basali rufis.*

Male. Red, smooth, flat, elongate, suboval. Head subfusiform, longer than the fore lobe of the prothorax, with two short stout porrect spines in front; ante-ocular part longer than the post-ocular. Antennæ black, as long as the prothorax; first joint shorter than the ante-ocular head; second stout, twice as long as the first; third shorter than the second; fourth as long as the third. Prothorax with a longitudinal furrow. Fore lobe as long as the hind lobe; fore angles prominent. Hind lobe with the hind angles rounded, not prominent. Scutellum triangular. Abdomen beneath with a black apical spot. Legs black; femora thick; fore femora dentate beneath. Fore wings black, red at the base and along half the length of the costa. Hind wings pellucid. Length of the body 5 lines.

a. Aru. From Mr. Wallace's collection.

Genus 7. PHONERGATES.

Phonergates, *Stal.*

A. Body shining. Prosternum in front with two slightly prominent tubercles.

1. Phonergates bicoloripes.

bicoloripes, *Stal*, *Ofv. K. Vet. Ak. Forh.* xii. 40; *Hem. Afr.* iii. 137.

Natal.

B. Body dull. Prosternum in front with two conical very prominent tubercles.

Clopophora, *Stal*, *Ofv. K. Vet. Ak. Forh.* xi. 261.

2. Phonergates basilicus.

Clopophora basilica, *Stal*, *Ofv. K. Vet. Ak. Forh.* xii. 40—Phonergates basilicus, *Stal*, *Hem. Afr.* iii. 137.

Natal.

3. Phonergates limbiventris.

Clopophora limbiventris, *Stal*, *Ofv. K. Vet. Ak. Forh.* xii. 40—Phonergates limbiventris, *Stal*, *Hem. Afr.* iii. 138.

Natal.

Genus 8. CERILOCUS.

Cerilocus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xv. 443; *Hem. Afr.* iii. 135.

1. Cerilocus Dohrni.

Dohrni, *Stal*, *Ofv. K. Vet. Ak. Forh.* xv. 443; *Hem. Afr.* iii. 136.

Mozambique.

2. Cerilocus Nero.

Nero, *Stal*, *Ofv. K. Vet. Ak. Forh.* xv. 143; *Hem. Afr.* iii. 136.

Calabar.

3. Cerilocus inermipes.

inermipes, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 187; *Hem. Afr.* iii. 136.

Guinea.

4. Cerilocus vulnerans.

Cerilocus vulnerans, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 54.

Sarawak.

5. Cerilocus exsugiens.

Cerilocus exsugiens, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 54.

Wagiou.

Genus 9. DURGANDA.

Durganda, *Serv. Hist. Hem.* 340.

1. Durganda rubra.

Opinus rufus, Mas. *De Lap. Hem.* 78, 82—Durganda rubra, *Serv. Hist. Hem.* 341.

Java.

a. Philippine Isles. From Mr. Cuming's collection.
b. New Guinea. From Mr. Wallace's collection.

2. Durganda fuscipes.

fuscipes, *Stal, Ofv. K. Vet. Ak. Forh.* xxiii. 237.

Manilla.

Genus 10. TIARODES.

Tiarodes, *Burm. Handb. Ent.* ii. 237. *Serv. Hist. Hem.* 341.

1. Tiarodes versicolor.

Cimbus versicolor, *De Lap. Hem.* 80—Tiarodes versicolor, *Burm. Handb. Ent.* ii. 237. *Serv. Hist. Hem.* 342. *H.-Sch. Wanz. Ins.* ix. 128, pl. 309, f. 949—Ectrichodia versicolor, *Blanch. Hist. Nat. Ins.* iii. 106.

Java.

a. Malacca. Presented by W. W. Saunders, Esq.
b. Sarawak. Presented by W. W. Saunders, Esq.

2. Tiarodes elegans.

elegans, *Stal, A. S. E. F.* 4*me Sér.* iii. 55.

Ceylon.

3. Tiarodes pustulatus.

pustulatus, *Stal, A. S. E. F.* 4*me Sér.* iii. 55.

a. Batchian. Presented by W. W. Saunders, Esq.
b. Batchian. From Mr. Wallace's collection.

4. Tiarodes varicolor.

varicolor, *Stal, A. S. E. F.* 4*me Sér.* iii. 55.

a, *b*. Philippine Isles. From Mr. Cuming's collection.
c, *d*. Java. Presented by J. C. Bowring, Esq.
e. Pulo Penang. Presented by J. C. Bowring, Esq.
f. Ceylon. Presented by Dr. Templeton.

5. Tiarodes nigrirostris.

nigrirostris, *Stal, Ofv. K. V. Ak. Forh.* xxi. 185.

a. Java. Presented by J. C. Bowring, Esq.

6. Tiarodes juncturus.

Mas. *Luteus, longissime ovalis, subtus planus; caput atrum, prothoracis lobo antico longius; antennæ capite paullo longiores; prothoraeis lobus anticus lobo postico paullo brevior; lobus posticus, scutellum et abdominis dorsum atra; venter apicem versus nigro fasciatus; connexivum albido maculatum.*

Male. Luteous, very elongate-oval, smooth, shining. Head lanceolate, deep black above, longer than the fore lobe of the prothorax and hardly half as broad; ante-ocular part more than thrice as long as the post-ocular. Antennæ a little longer than the head; first and second joints thick; first a little shorter than the ante-ocular head; second more than twice as long as the first; third shorter than the first; fourth shorter than the third. Prothorax with a longitudinal excavation, which occupies the hind part of the fore lobe and the fore part of the hind lobe. Fore lobe a little shorter than the hind lobe, a prominent tubercle on each fore angle. Hind lobe, scutellum and dorsum of the abdomen deep black. Under side of the abdomen with variously-shaped black bands towards the tip; its disk and the pectus flat. Connexivum with whitish spots. Tibiæ, tarsi, tips of the four anterior tibiæ, apical half of the hind tibiæ and tarsi black. Fore wings deep black; a large round pure white spot near the base; veins cinereous-black. Length of the body 15 lines.

a. ——— ? Presented by W. W. Saunders, Esq.

Genus 11. SALYAVATA.

Salyavata, *Serv. Hist. Hem.* 349.

This genus alone forms the Salyavatidæ of Serville.

1. Salyavata variegata.

variegata, *Serv. Hist. Hem.* 350, pl. 6, f. 6.

Cayenne.

a. Para. Presented by G. Graham, Esq.
b. Amazon Region. Presented by W. W. Saunders, Esq.

Genus 12. PETALOCHIRUS.

Petalocheirus, *Pal. Beauv. Ins.* 13—Petalochirus, *Burm. Handb. Ent.* ii. 246. *Serv. Hist. Hem.* 377. *Stal, Hem. Afr.* iii. 144.

Petalochirus and Holotrichius (which latter is here included in Reduvius) constitute the Holotrichidæ, *Serv. Hist. Hem.* 376.

Africa.

Div. 1.

A. Head with two spines behind the anteunæ.
Platychiria, *H.-Sch. Wanz. Ins.* ix. 93.

1. Petalochirus umbrosus.

Platychiria umbrosa, *H.-Sch. Wanz. Ins.* ix. 126, pl. f. 945—Petalochirus umbrosus, *Stal, Hem. Afr.* iii. 145.

a—e. Natal. From M. Gueinzius' collection.

B. Head unarmed.
a. Scutellum with three spines.

2. Petalochirus Murrayi.

Petalocheirus Murrayi, *Sgnt. Arch. Ent.* ii. 327—Petalocheirus nigropustulatus, *Stal, Ofv. K. V. Ak. Forh.* xv. 444—Petalochirus Murrayi, *Stal, Hem. Afr.* iii. 146.

Calabar.

b. Scutellum with one spine.

3. Petalochirus variegatus.

Petalocheirus variegatus, *Pal. Beauv. Ins.* 13. *Hem.* pl. 1, f. 1—Reduvius variegatus, *St. Farg. et Serv. Enc.* x. 274—Petalochirus variegatus, *Burm. Handb. Ent.* ii. 247. *Blanch. Hist. Nat. Ins.* iii. 108. *Serv. Hist. Hem.* 378. *Stal, Hem. Afr.* iii. 146.

Owara.

a. Congo. Presented by Sir J. Richardson.
b. West Africa.

4. Petalochirus rubiginosus.

Petalocheirus rubiginosus, *Pal. Beauv. Ins.* 14. *Hem.* pl. 1, f. 2—Petalochirus rubiginosus, *Burm. Handb. Ent.* ii. 247. *Blanch. Hist. Nat. Ins.* iii. 108. *Serv. Hist. Hem.* 378. *Stal, Hem. Afr.* iii. 146.

Owara. Gabon. Calabar.

South Asia and Eastern Isles.

A. Head with two spines in front. - - - - singularis.
B. Head with no spines in front.
a. Hind spines of the prothorax not directed forward.
* Corium with a pale costal spot. - - - munitus.
** Corium with no pale costal spot.
† Fore wings with no white point.
‡ Femora banded. - - - - - Malayus.
‡‡ Femora not banded. - - - - - funestus.
†† Fore wings with a white point. - - - - apetalus.
b. Hind spines of the prothorax directed forward. - australis.

5. Petalochirus apetalus.

apetalus, *De Vuill. A. S. E. F. 4me Sér.* iv. 142, pl. 1, f. 10.

Malacca.

6. Petalochirus australis.

australis, *De Vuill. A. S. E. F. 4me Sér.* iv. 142, pl. 1, f. 9.

Malacca.

a. Java. Presented by J. C. Bowring, Esq.

7. Petalochirus Malayus.

Malayus, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 191.

Pulo Penang.

a. Hindostan. From the Entomological Society's collection.
b, *c*. Ceylon. Presented by Dr. Hooker.
d. Ceylon. Presented by Dr. Templeton.
e. Ceylon. From Mr. Gardener's collection.
f. Ceylon. Presented by W. W. Saunders, Esq.

8. Petalochirus vicinus.

vicinus, *Sgnt. A. E. F.* 4*me Sér.* ii. 126.

Cochin China.

9. Petalochirus brachialis.

Petalocheirus brachialis, *Stal, Ofv. K. V. Ak. Forh.* xv. 444.

Ceylon.

10. Petalochirus funestus.

Mas. *Piceus, fusiformis; caput prothoracis lobo antico duplo longius; antennæ graciles; prothoracis lobus posticus lobo antico multo longior, angulis spiniformibus ascendentibus; abdominis latera bispinosa; ventris discus rufus, nigro unilineatus; pedes ferruginei, longi, graciles, femoribus quatuor anterioribus fulvo unifasciatis, tibiis anticis apice dilatatis.*

Male. Piceous, dull, fusiform. Head subfusiform, about twice as long as the fore lobe of the prothorax; ante-ocular part much shorter than the post-ocular. First and second joints of the rostrum about equal in length; third shorter. Antennæ slender; second joint very much longer than the first. Prothorax with a slight longitudinal furrow; fore lobe much shorter than the hind lobe, which has a long ascending spine on each hind angle. Scutellum with a thick short obtuse ascending spine. Abdomen with two oblique spines on each side before the middle; disk beneath red, with a black line. Legs ferruginous, long, slender; four anterior tibiæ with a tawny band near the base; fore tibiæ dilated towards the tips, furrowed beneath. Length of the body 9 lines.

a. Siam. Presented by W. W. Saunders, Esq.
b. Singapore. Presented by W. W. Saunders, Esq.
c. Sumatra. Presented by W. W. Saunders, Esq.
d. Cambodia. From M. Mouhot's collection.

11. Petalochirus munitus.

Mas. *Piceus, fusiformis; prothorax quadrispinosus, lobo antico scabro; scutellum trispinosum; connexivum testaceo maculatum; femora quatuor posteriora unispinosa; tibiæ anticæ testaceo unifasciatæ; tibiæ quatuor posteriores testaceo bifasciatæ; alæ anticæ striga costali flava, macula discali atra.*

Male. Piceous, fusiform. Head subfusiform, much longer than the fore lobe of the prothorax; ante-ocular part much shorter than the post-ocular.

Antennæ shorter than the body; first joint much longer than the head; second much longer than the first; third shorter than the first. Fore lobe of the prothorax scabrous, with two erect tawny spines, much shorter than the hind lobe, which has a diverging moderately long spine on each side. Scutellum with three erect spines. Connexivum with testaceous spots. Four posterior femora with a spine beneath near the tip; fore tibiæ with a testaceous band, slightly dilated before the middle and at the tips; four posterior tibiæ with two testaceous bands. Fore wings with a yellow streak extending from the base of the costa and joining in the disk a deep black spot. Length of the body 6½ lines.

a, *b*. Sarawak. Presented by W. W. Saunders, Esq.

12. Petalochirus singularis.

Fœm. *Ferrugineus; caput nigrum, prothoracis lobo antico multo longius, antice bispinosum; antennæ nigræ, articulo 1o ferrugineo; prothorax quadrispinosus; scutellum unispinosum; connexivum spinosum, luteo plagiatum; venter fulvus, nigro trivittatus; pedes testacei, picco fasciati, tibiis anticis dilatatis; alæ anticæ piceæ, testaceo conspersæ.*

Female. Ferruginous, fusiform. Head black, subelliptical, much longer than the fore lobe of the prothorax; ante-ocular part with an erect spine on each side, much shorter than the post-ocular. Antennæ black, shorter than the body; first joint ferruginous, much longer than the head; second much longer than the first. Prothorax with a longitudinal furrow. Fore lobe much shorter than the hind lobe, with oblique furrows on each side of the disk, and with a short spine on each side of the fore border. Hind lobe with a nearly erect spine on each side. Scutellum with an erect spine in the disk. Abdomen with luteous patches and with black spines along each side; under side tawny, with three black stripes. Legs testaceous, with piceous bands; fore tibiæ dilated and rounded above along most of the length. Fore wings piceous, mottled with dull testaceous. Length of the body 8 lines.

a. Cambodia. From M. Mouhot's collection.
b. Cambodia. Presented by W. W. Saunders, Esq.
c. Siam. Presented by W. W. Saunders, Esq.
d. Burmah. Presented by W. W. Saunders, Esq.

Country unknown.

13. Petalochirus Gazella.

Gazella, *Costa, Ann. Mus. Zool. Nap.* ii. 141.

———?

Genus 13. SPHÆRIDOPS.

Fam. Sphæridopidæ, *Serv. Hist. Hem.* 381—Genus Sphæridops, *Serv. Hist. Hem.* 381.

1. Sphæridops amœnus.

Reduvius amœnus, *St. Farg. et Serv. Enc. Méth.* x. 275—Sphæridops amœnus, *Serv. Hist. Hem.* 382, pl. 8, f. 1.

Brazil.

2. Sphæridops rugosicollis.

rugosicollis, *Stal*, *Rio Jan. Hem.* 60.

Rio Janeiro.

3. Sphæridops inermis.

inermis, *Mayr*, *Verh. Zool. Bot. Gesell. Wien.* xv. 438.

Brazil.

Genus 14. CETHERA.

Cethera, *Serv. Hist. Hem.* 348. *Stal*, *Hem. Afr.* iii. 135.

This and the following genus are the representatives of the Macropidæ, *Serv. Hist. Hem.* 346.

South America.

1. Cethera annulipes.

annulipes, *Stal*, *Ofv. K. V. Ak. Forh.* xi.

Columbia.

Africa.

2. Cethera musiva.

Macrops musivus, *Germ. Silb. Rev. Ent.* v. 128—Cethera variata, *Serv. Hist. Hem.* 348, pl. 12, f. 4—Cethera musiva, *Stal*, *Hem. Afr.* iii. 135—Cethera diadema, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 962.

Senegal. Sierra Leone. Madagascar.

a. Natal. Presented by W. W. Saunders, Esq.
b. Natal. From M. Guienzius' collection.

Genus 15. MACROPS.

Macrophthalmus, *De Lapp. Hem.* 11—Macrops, *Burm. Handb. Ent.* ii. 233. *Blanch. Hist. Nat. Ins.* iii. 103. *Serv. Hist. Hem.* 347.

1. Macrops pallens.

Macrophthalmus pallens, *De Lap. Hem.* 11, pl. 51, f. 3—Macrops pallens, *Burm. Handb. Ent.* ii. 233. *Blanch. Hist. Nat. Ins.* iii. 103.

a. Cayenne. Presented by W. W. Saunders, Esq.
b. Oajaca. From M. Sallé's collection.
c. Orizaba. From M. Sallé's collection.
d. Columbia. From M. Goudot's collection.
e. Venezuela. From Mr. Birschell's collection.
f. Para. From Mr. Bates' collection.
g. Santarem. From Mr. Bates' collection.
h. Brazil. From Mr. Walker's collection.
i, *j*. Brazil. Presented by F. Walker, Esq.

2. Macrops histrionicus.

histrionicus, *Stal, Stett. Ent. Zeit.* xxiii. 456.

Mexico.

Genus 16. CONORHINUS.

Conorhinus, *De Lap. Hem.* 11, 117. *Burm. Handb. Ent.* ii. 245. *Serv. Hist. Hem.* 383.

This and the two following genera are included in the Conorhinidæ, *Serv. Hist. Hem.* xlviii. 383.

The name Conorhinidæ is here considered as annulled, and the genus Conorhinus is included in the Reduvidæ. It is subdivided by Prof. Stal as follows:—

A. Ocelli none. Antennæ a little longer than the head. Scutellum spinose on each side near the base. Femora fusiform, somewhat incrassated. - - - Belminus.
B. Ocelli distinct. Antennæ almost twice as long as the head. Scutellum unarmed. Femora cylindrical, not or slightly incrassated.
a. Fore disk of prothorax spinose; hind angles spinose or acutely prominent. - - - - - Eratyrus.
b. Fore disk of prothorax unarmed; hind angles rounded or obtusely prominent.
* Antennæ inserted near the tip of the head, nearly thrice as far from the eyes as from the tip. Connexivum very narrow beneath. Femora unarmed. - - Rhodnius.
** Antennæ more remote from the tip of the head. Connexivum broad. Femora with little spines beneath.
† Antennæ remote from the eyes.
‡ Body smooth. Prothorax not or hardly straightened; hind angles not prominent. - - - - Conorhinus.
‡‡ Body hairy. Prothorax distinctly straightened; hind angles somewhat prominent. - - - Meccus.
†† Antennæ inserted just before the eyes. - - - - Lamus.

The following synopsis of the species is translated from Prof. Stal's arrangement:—

A. Second joint of the rostrum longer than the third.
a. First joint of the rostrum longer or about equal in length to the head in front of the antennæ.
* Eyes very prominent. Ocelli on somewhat high tubercles. First joint of the rostrum a little longer than the third joint. Antennæ seated in the middle of the sides of the ante-ocular part of the head; first joint not extending to the tip of the head. Antenniferous tubercles of the head with a little spine. Fore angles of the prothorax with a stout rather long spine. - maculatus.

** Ocelli not seated on a tubercle or on a very low one.
† Antenniferous tubercles unarmed at the tips on the outer side.
‡ Prothorax and prostethium granulated. Bands of the margin and lateral border of the abdomen testaceous. - - - - - rubrofasciatus.
‡ Prothorax and prostethium not granulated.
§ Border of the abdomen black or brown; segments bordered with testaceous or reddish testaceous narrowly on the fore border, broadly on the hind border. Clavus, the extreme base excepted, brown or black.
× Rostrum rather thick, wholly hairy; second joint longer by one-third than the first joint; first much longer than the third. Head rather thick. Tubercles of the apical angles of the prothorax obtuse, much elevated. - - lenticularius.
×× Rostrum slender; first and third joints thinly and shortly hairy; second twice longer than the first. Tubercles of the apical angles of the prothorax conical, rather acute. - - lateralis.
§§ Fore borders of the marginal segments of the abdomen brown, or black, or black spotted.
× Black. Hind lobe of prothorax and abdomen brownish testaceous, the border of the latter narrowly yellowish testaceous. Fore wings dark brown; inner border and membrane paler. Apical spine of the scutellum slightly reflexed. First joint of the rostrum a little more than half as long as the ante-ocular part of the head; second longer than the first by a little more than half; third slightly hairy, shorter by about half than the first. - - recurvus.
×× Border of the abdomen with black spots or bands.
o Hind borders of the marginal abdominal segments yellow or yellowish testaceous.
-+ Border of the abdomen broadly yellowish or yellowish testaceous; on the base of each segment a black spot separate from the disk. dimidiatus, maculipennis.
-+-+ Border of the abdomen black; each segment with a rather narrow yellowish testaceous hind border. - - - - - - Gerstaeckeri.
oo Border of the abdomen like the disk in colour, with red or yellowish testaceous spots or bands, which do not join the fore borders nor the hind borders of the segments. Second joint of the rostrum more than twice as long as the first.
-+ Rostrum somewhat slender, thinly hairy. Body red-spotted. - - - - - rubroniger.
-+-+ Rostrum somewhat stout, with thicker and longer hairs. Body with yellowish testaceous or lurid yellow spots. - - - - Renggeri, *H.-Sch.*

†† Antenniferous tubercles with a distinct spine at the tip on the outside. - - - vitticeps.
b. First joint of the rostrum distinctly somewhat shorter than the head in front of the antennæ. variegatus, viduus.
B. Second and third joints of the rostrum equal in length. - - - - - circummaculatus.

Div. 1.

Belminus, *Stal, Berl. Ent. Zeit.* iii. 101, 102.

1. Conorhinus rugulosus.

Belminus rugulosus, *Stal, Berl. Ent. Zeit.* iii. 102, pl. 6, f. 1.
Columbia.

Div. 2.

Eratyrus, *Stal, Bul. Ent. Zeit.* iii. 101, 103.

2. Conorhinus mucronatus.

Eratyrus mucronatus, *Stal, Berl. Ent. Zeit.* iii. 103.
Demerara.
a. Amazon Region. From Mr. Bates' collection.

3. Conorhinus cuspidatus.

Eratyrus cuspidatus, *Stal, Berl. Ent. Zeit.* iii. 103.
Columbia.

Div. 3.

Rhodnius, *Stal, Berl. Ent. Zeit.* iii. 102, 104.

4. Conorhinus prolixus.

Rhodnius prolixus, *Stal, Berl. Ent. Zeit.* iii. 104, pl. 6, f. 3.
La Guayra.

5. Conorhinus nasutus.

Rhodnius nasutus, *Stal, Berl. Ent. Zeit.* iii. 105.
Siarà.

Div. 4.

Meccus, *Stal, Berl. Ent. Zeit.* iii. 102, 105.

6. Conorhinus phyllosoma.

Conorhinus phyllosoma, *Burm. Handb. Ent.* ii. 216—Meccus phyllosoma, *Stal, Berl. Ent. Zeit.* iii. 105.
a, *b*. Mexico. Presented by J. Taylor, Esq.
c. Mexico. Presented by Mrs. Rouquette.

7. Conorhinus Mexicanus.

Conorhiuus Mexicanus, *H.-Sch. Wanz. Ins.* viii. 71, pl. 272, f. 839, 840—Meccus Mexicauus, *Stal, Berl. Ent. Zeit.* iii. 105.

Mexico.

Div. 5.

Conorhinus, *Stal, Berl. Ent. Zeit.* iii. 102, 106.

A. First joint of the rostrum longer than the apical joint. - Sp. 1—9.
B. First joint of the rostrum shorter than the apical joint or about as long as it. - - - - Sp. 10—14.

8. Conorhinus rubrofasciatus.

——— ———, *Stoll, Pun.* 82, pl. 20, f. 140—Cimex rubrofasciatus, *Deg. Ins.* iii. 349, pl. 35, f. 12—Reduvius gigas, *Fabr. Syst. Ent.* 729; *Sp. Ins.* ii. 371; *Mant. Ins.* ii. 309; *Ent. Syst.* iv. 193; *Syst. Rhyn.* 267. *Wolff, Icon. Cim.* 119, pl. 12, f. 113—Conorhinus gigas, *Burm. Handb. Ent.* ii. 246. *Blanch. Hist. Nat. Ins.* iii. 108. *H.-Sch. Wanz. Ins.* viii. 72, pl. 272, f. 841, 842—Conorhinus rubrofasciatus, *Serv. Hist. Hem.* 384. *Stal, Berl. Ent. Zeit.* iii. 106; *Hem. Fabr.* i. 123—Conorhinus Stalii, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 947.

Brazil. Sierra Leone. Madagascar. Ceylon.

a. Missouri. Presented by F. Walker, Esq.
b. Jamaica.
c. St. John's Bluff, East Florida. Presented by E. Doubleday, Esq.
d. St. Domingo.
e. Mauritius. From Dr. Beke's collection.
f, g. Seychelles. Presented by Prof. E. P. Wright.
h—j. Hindostan. From the Entomological Society's collection.
k. North Bengal. From Lieut. Campbell's collection.
l, m. China. Presented by G. T. Lay, Esq.
n. Philippine Isles. From Mr. Cuming's collection.

9. Conorhinus lecticularius.

lecticularius, *Stal, Berl. Ent. Zeit.* iii. 107.

Carolina. Hindostan.

10. Conorhinus lateralis.

lateralis, *Stal, Berl. Ent. Zeit.* iii. 107.

Georgia.

11. Conorhinus sordidus.

sordidus, *Stal, Berl. Ent. Zeit.* iii. 108.

Brazil.

12. Conorhinus maculatus.

——— *Stoll, Pun.* 82, pl. 20, f. 140—Conorhiuus maculatus, *Stal, Berl. Ent. Zeit.* iii. 108.

British Guiana.

13. Conorhinus vitticeps.

vitticeps, *Stal*, *Berl. Ent. Zeit.* iii. 109.

Rio Janeiro.

14. Conorhinus dimidiatus.

Reduvius dimidiatus, *Latr. Humboldt, Rec. Obs.* 223, xi. pl. 15, f. 11—Conorhinus dimidiatus, *Stal*, *Berl. Ent. Zeit.* iii. 110, pl. 6, f. 2.

Costa Rica. Veragua. Guayaquil.

a. Oajaca. From M. Sallé's collection.
b. Honduras. From Mr. Dyson's collection.
c. ——— ? Presented by Sir E. Belcher.

15. Conorhinus maculipennis.

maculipennis, *Stal*, *Berl. Ent. Zeit.* iii. 111.

Mexico.

16. Conorhinus Gerstaeckeri.

Gerstaeckeri, *Stal*, *Berl. Ent. Zeit.* iii. 111.

Texas.

17. Conorhinus Renggeri.

Renggeri, *H.-Sch. Wanz. Ins.* viii. 71, pl. 271, f. 838. *Stal. Berl. Ent. Zeit.* iii. 112. sextuberculatus, *Blanch. Faun. Chil.* 218.

Chili. Paraguay.

18. Conorhinus variegatus.

variegatus, *Stal*, *Berl. Ent. Zeit.* iii. 113.

La Guayra.

19. Conorhinus rubrovarius.

rubrovarius, *Blanch. Orb. Voy. Amer. Merid. Ins.* 219, pl. 29. f. 7; *Stal*, *Berl. Ent. Zeit.* iii. 113—phyllosoma, *H.-Sch. Wanz. Ins.* viii. 70, pl. 271, f. 837.

Buenos Ayres. Maldonado.

20. Conorhinus rubroniger.

rubroniger, *Stal*, *Berl. Ent. Zeit.* xiii. 114.

South Brazil.

21. Conorhinus circummaculatus.

circummaculatus, *Stal*, *Berl. Ent. Zeit.* iii. 115.

Buenos Ayres.

Div. 6.

Lamus, *Stal*, *Berl. Ent. Zeit.* iii. 102, 115.

22. Conorhinus megistus.

Conorhinus megistus, *Burm. Handb. Ent.* ii. 246—Lamus megistus, *Stal, Berl. Ent. Zeit.* iii. 115.

Brazil.

23. Conorhinus geniculatus.

Reduvius geniculatus, *Latr. Humboldt, Rec. Obs.* 225, xii. pl. 15, f. 12—Conorhinus lutulentus, *Erichs. Schomb. Reise, Brit. Guiana*, iii.—Lamus geniculatus, *Stal, Berl. Ent. Zeit.* iii. 116, pl. 6, f. 4.

a. South America.

24. Conorhinus sanguisuga.

sanguisuga, *Le Conte, Proc. Acad. Nat. Sci. Phil.* vii. 404.

Georgia.

25. Conorhinus corticalis.

Fœm. *Cervinus, subtus ferrugineus; caput prothorace brevius; antennæ nigræ; prothorax antice bidentatus et bituberculatus, postice nigro-fasciatus; scutelli spina apicalis nigra, cylindrica; abdominis dorsum luteum; connexivum nigro maculatum; pedes nigri, femoribus apice luteis; alæ anticæ cinereæ, fusco conspersæ.*

Female. Fusiform, fawn-colour, ferruginous beneath. Head nearly linear, rather shorter than the prothorax; ante-ocular part much longer than the post-ocular. Antennæ black; first joint extending to the tip of the head; second more than thrice as long as the first. Prothorax with two ridges, which diverge hindward; fore lobe about half as long as the hind lobe, with a tubercle on each side of the disk, and with a tooth on each side of the fore border; hind lobe with rounded angles, and with a dentate black band on the hind border. Scutellum ending in a black cylindrical spine. Abdomen luteous above. Connexivum with black spots. Legs black; tips of femora luteous. Fore wings cinereous, with numerous pale brown speckles. Hind wings pale cinereous. Length of the body 12—13½ lines.

It is one of the division Lamus, but differs widely from C. megistus and from C. geniculatus in the markings.

a. Archidona. From Mr. Stevens' collection.
b. Venezuela. From Mr. Dyson's collection.
c. Venezuela. From Mr. Birschell's collection.

26. Conorhinus lignarius.

Mas. *Testaceus, longi-subfusiformis, subtus ferrugineus; antennæ nigræ; prothorax nigro quinque-vittatus, antice piceus flavo tuberculatus; scutellum piceum, luteo univittatum; connexivum luteum, nigro maculatum; pedes picei, femoribus basi genubusque luteis; femoribus quatuor anterioribus unidentatis; alæ anticæ nigro venosæ.*

Male. Testaceous, elongate-subfusiform, narrower towards the head, ferruginous beneath. Head rather shorter than the prothorax; ante-ocular part more than twice as long as the post-ocular. Antennæ black;

first joint nearly as long as the ante-ocular head; second nearly twice as long as the first. Prothorax piceous towards the fore border, with five black stripes, of which the outer pair are angular and the inner pair are interrupted; no suture between the lobes; some pale yellow tubercles near the fore border, and a pale yellow obtuse spine on each side of the front of the pectus; hind angles rounded, rather prominent. Scutellum piceous, elongate-triangular, with a luteous stripe. Connexivum luteous, with quadrate black spots. Legs piceous; femora luteous at the base; four anterior femora with a tooth beneath near the tip; knees luteous. Fore wings extending to the tip of the abdomen; veins black. Length of the body 13 lines.

This species has some affinity to Eratyrus in the rudimentary spines of the fore lobe of the prothorax.

a. British Guiana. Presented by Sir R. Schomburgk.

27. Conorhinus limosus.

Mas et fœm. *Piceus, fusiformis, subtus ferrugineus; caput testaceo univittatum; antennarum articuli 1us et 2us fulvi, hic apice niger; prothorax testaceo septem vittatus; scutellum vittis duabus spinaque apicali testaceis; abdominis discus dorsalis rufescens; tibiæ luteæ, fusco bifasciatæ; alæ anticæ fuscæ, venarum marginibus guttisque exterioribus cinereis.*

Male and female. Piceous, fusiform, excepting the head, ferruginous beneath. Head cylindrical, with a testaceous stripe, a little longer than the prothorax; ante-ocular part thrice as long as the post-ocular. First joint of the antennæ tawny, very short; second tawny, black towards the tip, full four times as long as the first; third more than half as long as the second. Prothorax with seven testaceous stripes, of which the inner pair are on ridges; fore lobe about half as long as the hind lobe, with acute and slightly prominent fore angles; hind lobe with rounded and not prominent angles. Scutellum with two testaceous stripes, ending in a short cylindrical testaceous spine. Abdomen mostly reddish in the disk above. Tibiæ luteous, with two brown bands. Fore wings brown; borders of the veins and some dots in the areolets of the membrane cinereous. Hind wings cinereous. Length of the body $9\frac{1}{2}$—10 lines.

It belongs to the division Rhodnius, but the antennæ are four times as far from the eyes as from the tip of the head.

a. Columbia. From M. Goudot's collection.
b. Archidona. From Mr. Stevens' collection.

28. Conorhinus arenarius.

Mas. *Cinereo-fuscus, longi-subfusiformis; caput prothorax paullo brevius; antennarum articulus 1us subclavatus, setulosus; prothorax sulcatus; scutellum trisulcatum, apice tuberculatum; segmentorum abdominalium anguli postici subdilatati; pedes nigro conspersi, femoribus anticis incrassatis; corium striga costali cinerea.*

Male. Cinereous-brown, elongate-subfusiform. Head cylindrical, a little shorter than the prothorax; ante-ocular part twice as long as the

post-ocular. Antennæ much longer than the head; first joint setulose, subclavate; second nearly twice as long as the first; third and fourth short. Prothorax irregularly furrowed, with rounded and not prominent angles; fore lobe much longer than the hind lobe. Scutellum with three furrows, tuberculate at the tip. Fore pectus with a porrect spine on each side. Hind angles of the abdominal segments rounded and slightly dilated. Legs speckled with black; fore femora incrassated. Corium with a cinereous costal streak. Length of the body 8 lines.

a, *b*. Santarem. From Mr. Bates' collection.

29. Conorhinus porrigens.

Fœm. *Niger, subfusiformis; caput prothoracis lobo postico æquilongum; lobi antici discus bispinosus et bituberculatus; lobus posticus postice rufo bivittatus et bimaculatus; scutellum sulcatum, apice rufum et tuberculatum, connexivum luteo maculatum; corium luteo venosum et strigatum.*

Female. Black, shining, subfusiform. Head as long as the hind lobe of the prothorax; ante-ocular part full twice as long as the post-ocular. Antennæ longer than the head and the prothorax together; first joint extending to the tip of the head; second more than twice as long as the first; third shorter than the second. Fore lobe of the prothorax hardly half as long as the hind lobe, with two spines in front, with one on each side of the disk, and with a tubercle on each side hindward. Hind lobe with a red stripe on the hind part of each of the two longitudinal ridges, and with a red spot on each of the rounded and slightly-prominent hind angles. Scutellum with a longitudinal furrow, and with a red tubercle on the tip. Connexivum with transverse luteous spots. Corium with luteous veins, and with two luteous subcostal streaks. Length of the body 13 lines.

Much allied to C. rubrovarius, but it does not sufficiently agree with the description, nor with the figure of that species, to be identified with it.

a, *b*. Pernambuco. Presented by — Spooner, Esq.

30. Conorhinus diminutus.

Fœm. *Niger, pyriformis; caput prothoraci æquilongum; antennæ capite longiores, articulo 4o albido; prothorax scaber, bicarinatus; connexivum luteo maculatum; pedes breviusculi, sat validi, tarsis ferrugineis; alæ anticæ abdominis apicem non attingentes, puncto apud corii apicem albido.*

Female. Black, dull, pear-shaped. Head lanceolate, as long as the prothorax; ante-ocular part full twice as long as the post-ocular. Rostrum slender. Antennæ longer than the head; first joint less than one-third as long as the ante-ocular head; second nearly twice as long as the first; third as long as the first; fourth whitish, as long as the third. Prothorax scabrous, with two ridges, which diverge hindward; fore lobe longer than the hind lobe, with a tubercle on each side of the fore border; hind lobe obtusely angular and slightly prominent on each side. Connexivum with transverse luteous spots. Legs rather short and stout; tarsi ferruginous.

Fore wings not extending to the tip of the abdomen, with a whitish point on the tip of the corium. Length of the body 5 lines.

Closely allied to C. circummaculatus, but differing from it in the markings of the connexivum.

a. Venezuela. From Mr. Dyson's collection.

Genus 17. OPISTOPLATYS.

Opistoplatys, *Westw. Journ. Zool. Soc.* v. 447—Decius, *Stal, Eug. Resa*, 263.

Div. 1.

1. Opistoplatys Australasiæ.

Australasiæ, *Westw. Journ. Zool. Soc.* v. 447, pl. 22, f. 9—Cimbus? terreus, *Stal, Ofv. K. V. Ak. Forh.* xi. 238—Decius terreus, *Stal, Eug. Resa, Ins.* 263.

a. Moreton Bay. From Mr. Diggles' collection.

2. Opistoplatys Indicas.

Mas et fœm. *Fuscus; alæ anticæ obscuriores, nigro venosæ.*

Male and female. Brown. Fore wings dark brown; veins black. Length of the body 3—4 lines.

Smaller than O. Australasiæ. Head in front longer and more acute. First joint of the antennæ not longer than the head. Areolets of the fore wings closed: they are represented as open in the figure of O. Australasiæ. In the British Museum register it is stated to be O. Australasiæ, on Prof. Westwood's authority.

a, *b*. Hindostan. From Mr. Stevens' collection.
c. Hindostan.
d. North Hindostan. From Mr. Warwick's collection.
e. North Bengal. From Lieut. Campbell's collection.
f. Ceylon. Presented by Dr. Thwaites.
g. Ceylon. From Mr. Gardener's collection.

Div. 2.

Tribelocephala, *Stal, Ofv. K. V. Ak. Forh.* x. 263—Tribelocephalida (Opisthoplatys et Tribelocephala), *Stal, Stett. Ent. Zeit.* xxiii. 462; *Hem. Afr.* iii. 160.

3. Opistoplatys Boschjesmanus.

Tribelocephala Boschjesmana, *Stal, Ofv. K. V. Ak. Forh.* xii. 45; *Hem. Afr.* iii. 160.

Natal.

Genus 18. LOPHOCEPHALA.

Lophocephala, *De Lap. Hem.* 12. *Burm. Handb. Ent.* ii. 244. *Serv. Hist. Hem.* 385.

1. Lophocephala Guerini.

Guerini, *De Lap. Hem.* 12. *Burm. Handb. Ent.* ii. 244. *Blanch. Hist. Nat. Ins.* iii. 109. *Serv. Hist. Hem.* 386.

Ceylon.
a. Bombay. Presented by Sir W. Elliot.

2. Lophocephala incerta.

incerta, *Serv. Hist. Hem.* 386. Guerini, *var.?*

Country unknown.

3. Lophocephala vicina.

vicina, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 968.

Madagascar.

Div. 2.

Phonolibes, *Stal, Ofv. K. V. Ak. Forh.* 238; *Hem. Afr.* iii. 96.

4. Lophocephala venusta.

Phonolibes venustus, *Stal, Ofv. K. V. Ak. Forh.* xi. 238; xiii. 61, pl. 1, f. 3. *Hem. Afr.* iii. 96.

Sierra Leone.

Div. 3.

Tegea, *Stal, A. S. E. F.* 4*me Sér.* iii. 43.

5. Lophocephala atropicta.

Tegea atropicta, *Stal, A. S. E. F.* 4*me Sér.* iii. 43.

a, b. Australia. From Mr. Damel's collection.

6. Lophocephala pullata.

Tegea pullata, *Stal, A. S. E. F.* 4*me Sér.* iii. 43.

Java.

Genus 19. NALATA.

Nalata, *Stal, Rio Jan. Hem.* 79.

This genus resembles the Stenopodidæ in having no furrow beneath the fore tibiæ; in other characters it agrees with the Reduviidæ.

1. Nalata aspera.

aspera, *Stal, Rio Jan. Hem.* 79.

Rio Janeiro.

2. Nalata fuscipennis.

fuscipennis, *Stal, Rio Jan. Hem.* 80.

Rio Janeiro.

3. Nalata plebeia.

plebeia, *Stal*, *Rio Jan. Hem.* 80.

Rio Janeiro.

4. Nalata fuscicollis.

fuscicollis, *Stal*, *Rio Jan. Hem.* 80.

Rio Janeiro.

5. Nalata setulosa.

setulosa, *Stal*, *Stett. Ent. Zeit.* xxiii. 456.

Mexico.

6. Nalata rudis.

rudis, *Stal*, *Stett. Ent. Zeit.* xxiii. 457.

Mexico.

The two following genera differ much from the Reduviidæ generally, but their characters are hardly sufficient for the establishment of distinct families.

Genus 20. EPIRODERA.

Epirodera, *Westw. Trans. Ent. Soc. Lond.* iv. 247.

1. Epirodera notata.

notata, *Westw. Trans. Ent. Soc. Lond.* iv. 248, pl. 18, f. 5.

a. ———?

2. Epirodera alternata.

Epidodera alternata, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 959—Epirodera alternata, *Stal. Hem. Afr.* iii. 143.

Madagascar.

3. Epirodera annulipes.

Epidodera annulipes, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 959, pl. 14, f. 6—Epirodera annulipes, *Stal*, *Hem. Afr.* iii. 143.

Madagascar.

4. Epirodera pallidirostris.

pallidirostris, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 44.

Mysol.

Genus 21. ENICOCEPHALUS.

Enicocephalus, *Westw. Trans. Ent. Soc. Lond.* ii. 22—Systelloderus, *Blanch. Gay Hist. Fis. Chile*, vii. 224—Oncylocotis, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 44—Enicocephalidæ et Enicocephalus, *Stal*, *Rio Jan. Hem.* 81—Henicocephalida et Henicocephalus, *Stal*, *Hem. Afr.* iii. 165, 166.

West Indies.

1. Enicocephalus flavicollis.

flavicollis, *Westw. Trans. Ent. Soc. Lond.* ii. 23, pl. 2, f. 8.

Isle St. Vincent.

2. Enicocephalus rhyparus.

rhyparus, *Stal, Rio Jan. Hem.* 82.

3. Enicocephalus spurculus.

spurculus, *Stal, Rio Jan. Hem.* 81.

Rio Janeiro.

4. Enicocephalus basalis.

basalis, *Westw. Trans. Ent. Soc. Lond.* ii. 23.

Bengal.

5. Enicocephalus fulvescens.

fulvescens, *Westw. Trans. Ent. Soc. Lond.* ii. 23—nasalis, *Hope, Trans. Ent. Soc. Lond.* ii. 56.

Gum Animé.

6. Enicocephalus nasutus.

Oncylocotis nasutus, *Stal, Ofv. K. V. Ak. Forh.* xii. 44—Henicocephalus nasutus, *Stal, Hem. Afr.* iii. 166.

Natal.

7. Enicocephalus moschatus.

Systelloderus moschatus, *Blanch. Faun. Chil.* 224, pl. 2, f. 14. *Sgut. A. S. E. F.* 4*me Sér.* iii. 578.

Chili.

Fam. 4. STENOPODIDÆ.

Stenopodidæ, *Serv. Hist. Hem.* xlviii. 386—Stenopodida, *Stal, Hem. Afr.* iii. 148.

Genus 1. ONCOCEPHALUS.

Oncocephalus, *Klug, Symb. Phys.* ii. *Burm. Handb. Ent.* ii. 242. *Serv. Hist. Hem.* 386. *Stal, Hem. Afr.* iii. 156.

Europe.

1. Oncocephalus squalidus.

Reduvius squalidus, *Rossi, Faun. Etr.* ii. 404, Sp. 1364—Oncocephalus squalidus, *Burm. Handb. Ent.* ii. 242. *Fieb. Eur. Hem.* 152.

a, *b*. South France.
c. South France. Presented by W. W. Saunders, Esq.
d. South Africa. Presented by R. Trimen, Esq.
e. South Africa. Presented by Sir A. Smith.
f. North Bengal. From Lieut. Campbell's collection.
g. Celebes. Presented by W. W. Saunders, Esq.

2. Oncocephalus notatus.

Oncocephalus notatus, *Klug. Symb. Phys.* pl. 19, f. 1. *Fieb. Eur. Hem.* 152—Reduvius plumicornis, *Germ. Ahr. Faun. Eur.* 5, 24—Oncocephalus squalidus, *H.-Sch. Wanz. Ins.* viii. 93, pl. 280, f. 861, 862—Reduvius comatus, *Kol. Mel. Ent.* vi. 39.

South Europe.

3. Oncocephalus thoracicus.

thoracicus, *Fieb. Eur. Hem.* 152.

Turkey. Syria.

4. Oncocephalus subapterus.

subapterus, *Garbiglietti*, *Bull. Soc. Ent. Ital.* i. 196.

North Italy.

West Indies and South America.

5. Oncocephalus desiccatus.

desiccatus, *Serv. Hist. Hem.* 387—Nitornus desiccatus, *Stal*, *Berl. Ent. Zeit.* x. 167.

Cayenne.

Var.? Fœm. *Cinereo-fuscus, longi-pyriformis; caput prothoracis lobo antico longius; prothorax bicarinatus, lobo antico oblique sulcato; scutellum apice compressum; abdomen alis anticis multo latius, subtus carinatum; pedes longiusculi, sat graciles, femoribus anticis incrassatis, tibiis quatuor anterioribus fulvis fusco bifasciatis, tibiis anticis subarcuatis.*

Female. Cinereous-brown, dull, elongate pear-shaped. Head rather longer than the fore lobe of the prothorax; ante-ocular part full twice as long as the post-ocular. First joint of the antennæ much shorter than the ante-ocular head; second a little longer than the ante-ocular head. Prothorax with two ridges, which diverge on the hind lobe; angles rounded, not prominent; fore lobe rather longer than the hind lobe, with oblique furrows on each side. Scutellum compressed at the tip. Abdomen rounded, and extending much beyond the fore wings on each side, keeled beneath. Legs rather long and slender; fore femora incrassated, serrated beneath; four anterior tibiæ tawny, with two brown bands; fore tibiæ slightly curved. Fore wings extending nearly to the tip of the abdomen. Length of the body 8—10 lines.

a—c. Ega. From Mr. Bates' collection.

6. Oncocephalus ventralis.

Mas. *Testaceus, gracilis, postice sublatescens, subtus piceo bivittatus; caput prothorace multo brevius; rostrum nigrum, basi flavo-fasciatum; antennæ capite et prothorace ad unum breviores; prothorax piceo univittatus; pedes graciles, femoribus anticis valde incrassatis subtus dentatis.*

Male. Testaceous, slender, widening slightly from the tip of the head to the middle of the abdomen. Head much shorter than the prothorax; ante-ocular part twice as long as the post-ocular. Rostrum black, with a yellow band near the base. Antennæ shorter than the head and the prothorax together; first joint hardly more than half as long as the ante-ocular head; second nearly twice as long as the first; third and fourth short. Prothorax and scutellum with a piceous stripe. Prothorax with rounded and not prominent angles; fore lobe twice as long as the hind lobe. Scutellum short, triangular. Pectus and under side of the abdomen with two piceous stripes. Connexivum not covered by the fore wings. Legs slender; fore femora much incrassated, dentate beneath. Length of the body 7 lines.

a. St. Domingo. Presented by W. W. Saunders, Esq.
b. St. Domingo. From Mr. Tweedie's collection.

Africa.

The African species are grouped by Prof. Stal as follows:—

A. Side borders of the prothorax with no little tubercles or spines.
a. First joint of the rostrum shorter than the second—obsoletus, impictipennis.
b. First and second joints of the rostrum equal in length, or the latter just longer than the former—cancellatus, sordidus.
B. Side borders of the prothorax armed nearly in the middle with a little tubercle or spine. First and second joints of the rostrum equal in length—annulipes, subspinosa.

7. Oncocephalus obsoletus.

Reduvius (Oncocephalus) obsoletus, *Klug*, *Symb. Phys. Ins.* i. pl. 19, f. 2 —Oncocephalus obsoletus, *Stal*, *Hem. Afr.* iii. 156.

Nubia.

8. Oncocephalus impictipennis.

impictipennis, *Stal*, *Hem. Afr.* iii. 156.

Nubia.

9. Oncocephalus cancellatus.

cancellatus, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 44; *Hem. Afr.* iii. 157.

Natal.

10. Oncocephalus sordidus.

sordidus, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 44; *Hem. Afr.* iii. 157.

Natal.

11. Oncocephalus annulipes.

annulipes, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 44; *Hem. Afr.* iii. 158.

Natal.

12. Oncocephalus subspinosus.

Sastrapada subspinosa, *Serv. Hist. Hem.* 388, pl. 7, f. 9—Oncocephalus subspinosus, *Stal, Hem. Afr.* iii. 159.

Senegal.

Div. 2.

Argolis, *Stal, Stett. Ent. Zeit.* xx. 146; *Hem. Afr.* iii. 153.

13. Oncocephalus calabarensis.

Oncocephalus calabarensis, *Stal, Ofv. K. V. Ak. Forh.* xv. 448—Argolis calabarensis, *Stal, Hem. Afr.* iii. 153.

Calabar.

Div. 3.

14. Oncocephalus armipes.

Stenopoda armipes, *Germ. Silb. Rev. Ent.* v.—Oncocephalus armipes, *H.-Sch. Wanz. Ins.* ix. 125, pl. 309, f. 950.

Cape.

South Asia and Eastern Isles.

15. Oncocephalus dilutus.

dilutus, *Stal, Eug. Resa*, 263.

Manilla.

16. Oncocephalus cingalensis.

Fœm. *Ferrugineus, gracilis, antice sublatescens; caput prothoracis lobo antico longius; scutellum apice nigricans; pedes fulvi, graciles, femoribus anticis incrassatis subtus serratis, tibiis quatuor anterioribus fusco trifasciatis; alæ anticæ abdominis apicem non attingentes.*

Female. Ferruginous, slender, slightly tapering from the head to near the tip of the abdomen. Head longer than the fore lobe of the prothorax; ante-ocular part thrice as long as the post-ocular. Antennæ setaceous; first joint much shorter than the ante-ocular head; second rather longer than the ante-ocular head. Fore lobe of the prothorax rather longer than the hind lobe; fore angles slightly prominent and acute. Hind lobe with rounded angles. Scutellum blackish at the tip. Legs tawny, slender; fore femora incrassated, serrated beneath; four anterior tibiæ with three brown bands, those on the latter indistinct. Fore wings not extending to the tip of the abdomen. Length of the body 8½ lines.

a. Ceylon. From Mr. Thwaites' collection.

17. Oncocephalus naboides.

Mas. *Testaceus, longi-fusiformis, prothoracis lobo antico vix longius; antennæ nigræ, pubescentes, caput et prothorace ad unum paullo longiores; prothorax vitta abbreviata nigra; scutellum apice compressum; pectus antice bispinosum; venter carinatus; pedes graciles, longiusculi, femoribus anticis incrassatis subtus serratis, femoribus quatuor posterioribus apice piceis, tibiis quatuor anterioribus fusco trifasciatis; alæ anticæ abdominis apicem attingentes.*

Male. Testaceous, elongate-fusiform. Head fusiform, hardly longer than the fore lobe of the prothorax; ante-ocular part twice as long as the post-ocular. Antennæ black, pubescent, a little longer than the head and the prothorax together; first joint as long as the ante-ocular head; second very much longer than the first; third and fourth together a little longer than the first. Prothorax with an abbreviated black stripe, and with slightly acute and not prominent angles; fore lobe much longer than the hind lobe. Scutellum compressed at the tip. A short spine on each side of the fore border of the pectus. Abdomen keeled beneath. Legs slender, rather long; fore femora incrassated, serrated beneath; four posterior femora piceous at the tips; four anterior tibiæ with three brown bands; hind tibiæ pubescent. Fore wings extending to the tip of the abdomen. Length of the body 6 lines.

a. Ceylon. Presented by G. H. K. Thwaites, Esq.

Genus 2. SASTRAPADA.

Sastrapada, *Serv. Hist. Hem.* 388. *Stal, Hem. Afr.* iii. 153.

1. Sastrapada flava.

flava, *Serv. Hist. Hem.* 388.

Java.

2. Sastrapada incerta.

incerta, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 968. *Stal, Hem. Afr.* iii. 152.

Madagascar. Bourbon.

Div. 2.

Harpagochares, *Stal, Ofv. K. V. Ak. Forh.* xv. 248; xvi. 380; *Hem. Afr.* iii. 151.

3. Sastrapada spinuliceps.

Harpagochares spinuliceps, *Stal, Ofv. K. V. Ak. Forh.* xv. 248; *Hem. Afr.* iii. 151.

Sierra Leone.

4. Sastrapada obscuricrus.

Harpagochares obscuricrus, *Stal*, *A. S. E. F.* 4*me Sér.* iv. 57.
Natal.

5. Sastrapada concolor.

Harpagochares concolor, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 381.
Philippine Isles.

6. Sastrapada Barensprungi.

Harpagochares Bärensprungi, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 381.
Sicily.

Div. 3.

7. Sastrapada bipunctata.

Fœm. *Testacea, gracillima, fere linearis; caput prothorace paullo brevius; antennæ capite et prothorace ad unum multo longiores; pedes longi, graciles, femoribus anticis subincrassatis subtus spinulosis; alæ anticæ abdominis apicem non attingentes.*

Female. Testaceous, very slender, nearly linear. Head a little shorter than the prothorax; ante-ocular part much longer than the post-ocular. Antennæ much longer than the head and the prothorax together; first joint a little shorter than the head; second longer than the first. Prothorax with slightly obtuse and not prominent angles; sides darker; fore lobe much longer than the hind lobe; a porrect spine on each side of the fore pectus. Scutellum short. Legs long, slender; fore femora slightly incrassated, spinulose beneath. Fore wings extending to three-fourths of the length of the abdomen. Hind wings whitish. Length of the body 9 lines.

a. Ceylon. Presented by Dr. Hooker.

Div. 4.

8. Sastrapada longicollis.

Mas. *Testacea, gracillima, fere linearis; caput prothoracis lobo antico brevius; prothorax substriatus; abdomen apice quadratum bispinosum; pedes longi, graciles, femoribus anticis incrassatis subtus serratis; alæ anticæ nigro uniguttatæ, abdominis apicem non attingentes.*

Male. Testaceous, very slender, nearly linear. Head rather shorter than the fore lobe of the prothorax; ante-ocular part rather longer than the post-ocular. Rostrum curved, stout, as long as the head. Prothorax very slightly striated, with rounded and not prominent angles; fore lobe twice as long as the hind lobe. Scutellum elongate-triangular. Abdomen quadrate and with a broad obtuse spine on each side at the tip. Legs long, slender; fore femora incrassated, serrated beneath. Fore wings extending to nearly three-fourths of the length of the abdomen, with a black dot in the disk of the membrane. Length of the body 9 lines.

a. Amazon Region. From Mr. Bates' collection.

9. Sastrapoda filiformis.

Testacea, gracillima, fere linearis; caput prothoracis lobo antico longius; pedes graciles, femoribus anticis subincrassatis subtus spinosis; alæ anticæ abdominis apicem non attingentes.

Testaceous, very slender, nearly linear. Head longer than the fore lobe of the prothorax; ante-ocular part a little longer than the post-ocular. Fore lobe of the prothorax shorter than the hind lobe. Scutellum elongate-triangular. Legs slender; fore femora slightly incrassated, with spines beneath. Fore wings not extending to the tip of the abdomen. Length of the body 6½ lines.

a. Amazon Region. From Mr. Bates' collection.

Genus 3. CANTHESANCUS.

Canthesancus, *Serv. Hist. Hem.* 389.

1. Canthesancus trimaculatus.

trimaculatus, *Serv. Hist. Hem.* 389, pl. 7, f. 20.

Java.

2. Canthesancus helluo.

helluo, *Stal, A. S. E. F.* 4*me Sér.* iii. 44.

Ceylon.

3. Canthesancus gulo.

gulo, *Stal, A. S. E. F.* 4*me Sér.* iii. 44.

Pulo Penang.

4. Canthesancus lurco.

lurco, *Stal, A. S. E. F.* 4*me Sér.* iii. 45.

Hong Kong.

5. Canthesancus prædo.

prædo, *Stal, A. S. E. F.* 4*me Sér.* iii. 45.

Philippine Isles.

Div. 2.

Thodelmus, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 377; *Hem. Afr.* iii. 159.

6. Canthesancus Falleni.

Thodelmus Falleni, *Stal, Ofv. K. V. Ak. Forh.* xvi. 378.

Ceylon.

7. Canthesancus quinquespinosus.

Gerris quinquespinosus, *Fabr. Syst. Rhyn.* 261—Stenopoda lateralis, *Germ. Silb. Rev. Ent.* v. 132—Thodelmus quinquespinosus, *Stal, Hem. Afr.* iii. 159; *Hem. Fabr.* i. 119—Thodelmus lateralis, *Stal, Ofv. K. V. Ak. Forh.* xvi. 378.

Cape.

Genus 4. STENOPODA.

Stenopoda, *De Lap. Hem.* 26. *Burm. Handb. Ent.* ii. 243. *Serv. Hist. Hem.* 390.

Stenopoda, as regards the American species, is divided by Prof. Stal into the following genera:—

A. First joint of the rostrum longer than the second.
a. Eyes seated behind the middle of the head.
* Antennæ seated at the tip of the head. - - Diaditus.
** Antennæ seated behind the tip of the head - - Stenopoda.
b. Eyes equally distant from the base and the tip of the head. - - - - - - Pnohirmus.
B. First joint of the rostrum not longer than the second.
a. Legs long; hind femora extending beyond the abdomen. Narvesus.
b. Legs rather short; hind femora shorter than the abdomen.
* Border of the abdomen lobate. - - - - Nitornus.
** Border of the abdomen entire, simple. - - - Podormus.

1. Stenopoda cinerea.

Cinerea, *De Lap. Hem.* 26, pl. 52, f. 2. *Burm. Handb. Ent.* ii. 244. *Blanch. Hist. Nat. Ins.* iii. 107. *Serv. Hist. Hem.* 390, pl. 7, f. 8.

North America? Cuba.

a. Rio Janeiro. Presented by J. P. G. Smith, Esq.
b. Amazon Region. From Mr. Bates' collection.

2. Stenopoda culiciformis.

Cimex culiciformis, *Fabr. Syst. Ent.* 728; *Sp. Ins.* ii. 376; *Mant. Ins.* ii. 308—Gerris culiciformis, *Fabr. Ent. Syst.* iv. 189; *Syst. Rhyn.* 262. Stenopoda cinerea, *De Lap. Ess. Hém.* 26, pl. 52, 2—Stenopoda culiciformis, *Stal, Hem. Afr.* i. 129.

a, *b.* St. Domingo. From Mr. Tweedie's collection.
c. St. Domingo. From Mr. Hearne's collection.
d. ——— ?

3. Stenopoda subinermis.

subinermis, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 384.

Columbia.

4. Stenopoda cana.

cinerea, *H.-Sch. Wanz. Ins.* viii. 91, pl. 279, f. 859—cana, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 384.

Brazil.

Div. 2.

Pnohirmus, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 384.

5. Stenopoda violenta.

Pnohirmus violentus, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 384.

Rio Janeiro.

Div. 3.

Diaditus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 383.

6. Stenopoda semicolon.

Diaditus semicolon, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 383.
Monte Video.

Div. 4.

Narvesus, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 384.

7. Stenopoda Carolinensis.

Narvesus Carolinensis, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 385.
Carolina.

Div. 5.

Nitornus, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 385.

8. Stenopoda lobulata.

Nitornus lobulatus, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 385.
Pernambuco.

Div. 6.

Podormus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 385.

9. Stenopoda granulata.

Podormus granulatus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 386.
Brazil.

10. Stenopoda hyalinipennis.

Testacea, gracilis, fere filiformis; caput cylindricum, prothorace multo brevius et angustius; prothorax late unisulcatus; pedes pilosi; alæ anticæ diaphanæ, costa testacea.

Testaceous, slender, nearly linear. Head cylindrical, much shorter and narrower than the prothorax; ante-ocular part much shorter than the post-ocular. Antennæ long, slender. Prothorax with a broad longitudinal furrow and with rounded and not prominent angles; fore lobe much longer than the hind lobe. Scutellum elongate-triangular. Legs long, slender, pilose. Wings pellucid; costa of the fore wings testaceous from the base to three-fourths of the length. Length of the body 9 lines.

a. Brazil. Presented by W. W. Saunders, Esq.

Africa.

Div. 1.

Caunus, *Stal*, *Hem. Afr.* iii. 153.

11. Stenopoda capensis.

Stenopoda capensis, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 44—Caunus capensis, *Stal*, *Hem. Afr.* iii. 154.
Natal.

Div. 2.

Bæbius, *Stal, Hem. Afr.* iii. 154.

12. Stenopoda caffra.

Stenopoda caffra, *Stal, Ofv. K. V. Ak. Forh.* xii. 44—Bæbius caffer, *Stal, Hem. Afr.* iii. 155.

Natal.

Div. 3.

13. Stenopoda gracilipes.

gracilipes, *Frme. Arch. Ent.* ii. 328.

Gabon.

South Asia.

14. Stenopoda hastata.

Fœm. *Ferruginea, gracillima, subtus lutea, postice latescens; caput cylindricum, prothorace paullo longius, postice nigro univittatum; antennæ luteæ, capite et prothorace ad unum longiores, articulo* 1o *apice nigro; scutelli spina pallide flava, gracilis, oblique ascendens; venter carinatus; pedes pallide flavi, gracillimi, femoribus quatuor anterioribus apices versus rufescentibus, posticis apices versus fuscis; alæ anticæ linea costali albida.*

Female. Fawn-colour, very slender, luteous beneath, tapering from the tip of the abdomen to the head. Head cylindrical, a little longer than the prothorax; ante-ocular part more than twice as long as the post-ocular, which has a black stripe. Antennæ luteous, longer than the head and the prothorax together; first joint longer than the ante-ocular head, black at the tip; second a little longer than the first. Prothorax widening hindward, with a slight longitudinal furrow and with a short spine on each angle; fore lobe nearly as long as the hind lobe, from which it is hardly distinguishable. Scutellum ending in a slender obliquely ascending pale yellow spine. Abdomen keeled beneath. Legs pale yellow, long, slender; four anterior femora reddish towards the tips; hind femora brown towards the tips. Fore wings extending nearly to the tip of the abdomen; a whitish costal line extending from the base to the middle. Length of the body 11 lines.

a. Hindostan. From Mr. Gardener's collection.

Australia.

Div. 4.

Theleocoris, *Mayr, Verh. Zool. Bot. Gesell. Wien.* xvi. 364; *Novara Hem.* 144.

15. Stenopoda aspera.

Theleocoris asper, *Mayr, Verh. Zool. Bot. Gesell. Wien.* xvi. 365; *Novara Hem.* 146, f. 37.

Sydney.

Genus 5. PYGOLAMPIS.

Pygolampis, *Germ. Faun. Eur.* 8. *Burm. Handb. Ent.* ii. 243. *Serv. Hist. Hem.* 391.

A. Head with a series of tubercles or obtuse minute spines on each side beneath before the eyes.
a. Body above thickly silky. - - - - sericea.
b. Body above thinly silky.
* First joint of the antennæ hardly as long as the head. Middle lobe of the head very distinctly elongated. - pallipes.
** First joint of the antennæ longer than the head.
† Middle lobe of the head slightly prominent. Prothorax about one-third longer than its breadth at the base. - fuscipennis.
†† Middle lobe of the head not prominent. Prothorax hardly longer by half than its breadth. - - - spurca.
B. Head unarmed beneath before the eyes.
a. First joint of the antennæ longer by almost half than the head. - - - - - - foeda.
b. First joint of the antennæ about twice as long as the head. - - - - - - prolixa.

Europe and West Asia.

1. Pygolampis pallipes.

——— ———, *Geoffr. Ins.* i. 438. *Schaff. Icon. Rat.* pl. 11, f. 15—17 Cimex bifurcatus, *Linn. ed. Gmel.* iv. 2181—Gerris pallipes, *Fabr. Ent. Syst.* iv. 189; *Syst. Rhyn.* 262—Acanthia denticulata, *Rossi, Faun. Etr.* 1284—Emesa denticollis, *Fall. Hem. Succ.* 161—Pygolampis bifurcata, *Germ. Faun. Eur.* 8, 22—Ochetopus spinicollis, *Hahn, Wanz. Ins.* i. 177, pl. 28, f. 92—Pygolampis pallipes, *Burm. Handb. Ent.* ii. 243. *Blanch. Hist. Nat. Ins.* iii. 108. *Serv. Hist. Hem.* 391—Pygolampis bifurcata, *Fieb. Eur. Hem.* 151. *Dougl. and Scott, Hem.* 539.

a. Europe.

2. Pygolampis prolixa.

prolixa, *Stal, Ofv. K. V. Ak. Forh.* xvi. 379.

South Russia.

Div. 2.

Ctenocnemis, *Fieb. Eur. Hem.* 150.

3. Pygolampis flavescens.

Ctenocnemis flavescens, *Fieb. Eur. Hem.* 150.

Sicily.

Div. 3.

Centromelus, *Fieb. Eur. Hem.* 151.

4. Pygolampis spinosissima.

Pygolampis spinosissima, *Kol. Mel. Ent.* vi. 51—Centromelus spinosissimus, *Fieb. Eur. Hem.* 151.

Caucasus.

Div. 4.

Pnirontis, *Stal, Ofv. K. V. Ak. Forh.* xvi. 381.

The species of Pygolampis which Prof. Stal includes in Pnirontis are thus distributed by him:—

A. Apical angles of the fifth abdominal segment prolonged and forming a slightly rounded lobe; sixth segment in the male slightly widened hindward, truncate at the tip; apical angles forming a rounded lobe, which is scarcely narrowed towards the tip. Pnirontis, *Stal.* - - - - - scutellaris.

B. Abdomen distinctly narrowed hindward at the tip in both sexes; angles of the fifth segment not prolonged; last dorsal segment acutely notched at the tip in the male, bilobed, the lobes perceptibly narrowed towards the tip. Centromelus, *Fieb.*

a. Fore tibiæ armed on the inner side in front with three or four, or at least with two, very long teeth, unarmed on the outer side, with a tooth beneath near the tip.

* First joint of the antennæ unarmed beneath, about as long as the head. Head having in front between the antennæ two slender contiguous spines, which extend somewhat beyond the antenniferous tubercles. - languida.

** First joint of the antennæ spiny beneath.

† Connexivum unspotted. Head with one spine between the antennæ.

‡ First joint of the antennæ (with the apical process) longer than the head and hardly shorter than the prothorax, about equal (without the apical process) in length to the head. Head distinctly shorter than the prothorax; cheeks very little prolonged, slightly prominent in front of the antenniferous tubercles. - - tabida.

‡‡ First joint of the antennæ (with the apical process) shorter by about one-third than the head. Head a little shorter than the prothorax; cheeks much prolonged. pallescens.

†† Connexivum spotted. - - - - - infirma.

b. Fore tibiæ with three long spines on the inner side, with two on the outer side. - - - - serripes.

5. Pygolampis languida.

Pnirontis languida, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 382; *Hem. Fabr.* i. 129.

Carolina. Texas. Brazil.

a, *b*. St. John's Bluff, East Florida. Presented by E. Doubleday, Esq.
c. St. John's Bluff, East Florida. Presented by W. W. Saunders, Esq.

6. Pygolampis infirma.

Pnirontis infirma, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 382.

Carolina.

7. Pygolampis scutellaris.

Pnirontis scutellaris, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 382; *Hem. Afr.* i. 128.

Brazil.

8. Pygolampis tabida.

Pnirontis tabida, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 382; *Hem. Fabr.* i. 128.

Brazil.

Div. 2.

9. Pygolampis fuscipennis.

fuscipennis, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 379.

Carolina.

10. Pygolampis foeda.

foeda, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 379.

Ceylon.

11. Pygolampis spurca.

spurca, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 379.

Surinam.

12. Pygolampis sericea.

sericea, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 380.

Pennsylvania.

13. Pygolampis serripes.

Gerris serripes, *Fabr. Syst. Rhyn.* 261—Pnirontis (Centromelus) serripes, *Stal*, *Hem. Fabr.* i. 129.

South America.

14. Pygolampis Stali.

Centromelus Stali, *Mayr*, *Verh. Zool. Bot. Gesell. Wien.* xv. 437; *Novara Hem.* 147.

Brazil.

Div. 3.

Gnathobleda, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 380.

15. Pygolampis fraudulenta.

Gnathobleda fraudulenta, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 380.

Surinam.

16. Pygolampis litigiosa.

Gnathobleda litigiosa, *Stal*, *Stett. Ent. Zeit.* xxiii. 442.

Mexico.

Mauritius.

17. Pygolampis innotata.

Mas. *Testacea, gracillima, fere linearis; caput cylindricum, prothorace brevius; antennæ capite et prothorace ad unum longiores; pectus anticis spinis duabus porrectis armatum; abdomen apice truncatum; femora antica subincrassata; alæ anticæ abdominis apicem non attingentes, membrana diaphana.*

Male. Testaceous, very slender, nearly linear. Head cylindrical, rather shorter than the prothorax; ante-ocular part much longer than the post-ocular. Antennæ longer than the head and the prothorax together; first joint a little longer than the ante-ocular head; second longer than the first. Prothorax with slightly acute and hardly prominent angles; fore lobe much longer than the hind lobe. Scutellum lanceolate. Fore pectus with a porrect spine on each side. Abdomen truncated at the tip. Legs long, slender; fore femora slightly incrassated. Fore wings not extending to the tip of the abdomen; membrane and hind wings pellucid. Length of the body 8 lines.

a. Mauritius. From Dr. Beke's collection.

South Asia.

18. Pygolampis unicolor.

Mas. *Testaceus, gracillima, fere linearis; caput cylindricum, prothorace brevius; antennæ capite et prothorace ad unum multo longiores; prothorax quadricarinatus; pectus antice spinis duabus porrectis armatum; abdomen apice fuscescens truncatum; femora quatuor posteriora apice fuscescentia; tibiæ anticæ fusco bifasciatæ; alæ anticæ pallide cinereæ, margine strigisque obscurioribus, vitta costali testacea.*

Male. Testaceous, very slender, nearly linear. Head cylindrical, somewhat shorter than the prothorax; ante-ocular part as long as the post-ocular. Antennæ much longer than the head and the prothorax together; first joint longer than the head; second longer than the first. Prothorax with four slight ridges, and with rounded and not prominent angles; fore lobe a little longer than the hind lobe. Scutellum short.

Fore pectus with a porrect spine on each side. Abdomen brownish and truncated at the tip. Legs long, slender; four posterior femora brownish at the tips; fore tibiæ with two brown bands near the base. Wings pale cinereous, not extending to the tip of the abdomen. Fore wings bordered and slightly streaked with dark cinereous; a testaceous costal stripe extending from the base to three-fourths of the length. Length of the body 7 lines.

a. North Bengal. From Lieut. Campbell's collection.

19. Pygolampis concolor.

Mas. *Picea, gracillima, fere linearis; caput prothorace vix brevius; prothorax quinque sulcatus; pectus antice spinis duabus porrectis armatum; scutellum carinatum; abdominis dorsum fulvum, lateribus sordide testaceis; femora antica subincrassata; alæ anticæ abdominis apicem non attingentes.*

Male. Piceous, very slender, nearly linear. Head almost as long as the prothorax; ante-ocular part as long as the post-ocular. First joint of the antennæ stout, somewhat shorter than the head. Prothorax with five parallel furrows; angles rounded, not prominent; fore lobe much longer than the hind lobe; suture between them indistinct; a porrect spine on each side of the fore pectus. Scutellum short, keeled. Abdomen tawny above, dingy testaceous on each side beneath. Legs slender, rather long; fore femora rather thicker than the others. Wings not extending to the tip of the abdomen. Hind wings cinereous. Length of the body 7 lines.

a. Hindostan. From the Entomological Society's collection.

20. Pygolampis macera.

Mas. *Picea, gracillima, fere linearis; caput prothorace vix brevius; prothorax subsulcatus; pectus antice spinis duabus porrectis armatum; pedes quatuor posteriores longissimi, gracillimi; tibiæ anticæ luteo bifasciatæ; alæ anticæ abdominis apicem non attingentes.* Fœm.?—*Testacea; tibiæ quatuor anteriores fusco bifasciatæ; femora postica apices versus picea.*

Male. Piceous, very slender, nearly linear. Head cylindrical, rather shorter than the prothorax; ante-ocular part as long as the post-ocular. Antennæ much longer than the head and the prothorax together; first joint stout, much longer than the head; second and following joints very slender; second rather longer than the first; third and fourth short. Prothorax with a slight middle furrow, and with hardly acute and not prominent angles; fore lobe a little longer than the hind lobe. Scutellum small; triangular. Fore pectus with a porrect spine on each side. Four posterior legs very long and slender; fore legs comparatively short; fore tibiæ with two luteous bands. Fore wings not extending to the tip of the abdomen. Length of the body 7 lines.

a. Malacca. Presented by W. W. Saunders, Esq.

Female? Testaceous, very slender, nearly linear. Head rather shorter than the prothorax; ante-ocular part a little longer than the post-ocular. Antennæ much longer than the head and the prothorax together;

very slender, excepting the first joint, which is much longer than the head; second longer than the first. Prothorax with rounded and not prominent angles; fore lobe hardly more than one-fourth as long as the hind lobe, the suture between them very slight. Scutellum lanceolate. Legs long, slender; fore femora hardly incrassated; hind femora piceous towards the tips; four anterior tibiæ with two brown bands. Fore wings not extending to the tip of the abdomen. Length of the body 8 lines.

a. Lombok. Presented by W. W. Saunders, Esq.

21. Pygolampis australis.

Mas et fœm. *Picea, gracillima, fere linearis; caput lineare, prothorace brevius; antennæ capite et prothorace ad unum multo longiores; prothorax albido late bivittatus; abdominis dorsum ochraceum; pedes fulvi, longi, graciles; alæ anticæ venis cinereo marginatis.*

Male and female. Piceous, very slender, nearly linear. Head linear, rather shorter than the prothorax; ante-ocular part as long as the post-ocular. Antennæ much longer than the head and the prothorax together; first joint much longer than the head; second as long as the first; third and fourth short. Prothorax with rounded and not prominent angles; a broad whitish stripe on each side; fore lobe much shorter than the hind lobe, from which it is hardly distinguishable. Scutellum small. Abdomen ochreous above. Legs tawny, long, slender. Fore wings with cinereous-bordered veins. Hind wings white. Length of the body $6\frac{1}{2}$—$7\frac{1}{2}$ lines.

a, *b*. Australia. From Mr. Damel's collection.

Genus 6. RHAPHIDOSOMA.

Rhaphidosoma, *Serv. Hist. Hem.* 392. *Stal*, *Hem. Afr.* iii. 97.

1. Rhaphidosoma major.

Limnobates major, *Germ. Silb. Rev. Ent.* v. 122—Rhaphidosoma Burmeisteri, *Serv. Hist. Hem.* 390, pl. 12, f. 12—Rhaphidosoma majus, *Stal*, *Hem. Afr.* iii. 98.

Cape.

2. Rhaphidosoma ambulator.

ambulator, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 45; *Hem. Afr.* iii. 98.

Natal.

3. Rhaphidosoma circumvagans.

circumvagans, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 45; *Hem. Afr.* iii. 98.

Natal.

4. Rhaphidosoma carinatum.

carinatum, *Stal*, *Ofv. K. K. Ak. Forh.* xii. 45; *Hem. Afr.* iii. 98.

Natal.

Div. 2.

Lopodytes, *Stal, Ofv. K. V. Ak. Forh.* x. 263; *Hem. Afr.* iii. 97.

5. Rhaphidosoma grassator.

Lopodytes grassator, *Stal, Ofv. K. V. Ak. Forh.* xii. 45; *Hem. Afr.* iii. 97.
Natal.

Fam. 4. ECTRICHODIDÆ.

Ectrichodidæ, *Serv. Hist. Hem.* 342—Ectrichodida, *Stal, Hem. Afr.* iii. 101.

Genus 1. ECTRICHODIA.

Ectrichodia, *St. Farg. et Serv. Enc.* x. 279. *Serv. Hist. Hem.* 343. *Stal, Hem. Afr.* iii. 103—Loricerus, *Hahn, Wanz. Ins.* i. 30—Ectrychotes, *Burm. Handb. Ent.* ii. 237—Physorhynchus, *Serv. Hist. Hem.* 342.

Africa.

Div. 1.

Physorhynchus, *Serv. Hist. Hem.* 342—Ectrichodia, *Stal, Ofv. K. V. Ak. Forh.* xvi. 176.

A. Scutellum reddish testaceous. - - - lucida.
B. Scutellum black or æneous-black.
a. Legs wholly reddish testaceous.
* Furrow at the fore tibiæ small. - - - gigas.
** Furrow at the fore tibiæ rather large. - - distincta.
b. Legs wholly or partly black or æneous-black.
* Antennæ with yellowish tips. - - - antennalis.
** Antennæ with a whitish band near the tips. - marginicollis.
*** Antennæ wholly black.
† Colour not metallic.
‡ Prothorax with no cruciform mark.
§ Antennæ very hairy. - - - - - barbicornis.
§§ Antennæ not very hairy.
× First joint of the antennæ as long as the second. - ingens.
×× First joint of the antennæ shorter than the second. - picipes.
‡‡ Prothorax with a cruciform mark.
§ Femora wholly black. - - - - crux.
§§ Femora with luteous tips. - - - - diversipes.
§§§ Femora mostly red. - - - - - pictipes.
†† Colour more or less metallic.
‡ Prothorax with two luteous dots in front. - - bigemmis.
‡‡ Prothorax with luteous spots. - - - tarsalis.
‡‡‡ Prothorax luteous.
§ Fore wings black. - - - - - patricia.
§§ Fore wings yellowish, bordered with black. - - Natalensis.

1. Ectrichodia crux.

——— ———, *Stoll, Pun.* 43, pl. 9, f. 65—Cimex crux, *Thunb. Dissert. Acad.* 156; *Nov. Ins. Sp.* ii. 35—Reduvius crux, *Thunb. Hem. Rostr. Cap.* iii. 5—Reduvius cruciatus, *St. Farg. et Serv. Enc. Méth.* x. 279—Loricerus crux, *Hahn, Wanz. Ins.* i. 30, pl. 5, f. 30—Ectrychotes crux, *Burm. Handb. Ent.* ii. 238—Ectrichodia crux, *Blanch. Hist. Nat. Ins.* iii. 105. *Stal, Hem. Afr.* iii. 106—Physorhynchus crux, *Serv. Hist. Hem.* 342.

a, b. Sierra Leone. Presented by the Rev. D. F. Morgan.
c. Sierra Leone. From Mr. Foxcroft's collection.
d, e. South Africa. Presented by Sir A. Smith.
f. Interior of South Africa. Presented by the Earl of Derby in 1843.
g—i. Natal. From M. Gueinzius' collection.

2. Ectrichodia lucida.

Reduvius lucidus, *St. Farg. et Serv. Enc. Méth.* x. 279—Ectrichodia lucida, *De Lap. Hem.* pl. 51, f. 1. *Stal, Hem. Afr.* iii. 104—Loricerus lucidus, *Serv. Hist. Hem.* 343.

Senegal. Guinea. Grand Bassan.

3. Ectrichodia cigas.

Ectrichotes gigas, *H.-Sch. Wanz. Ins.* viii. 54, pl. 266, f. 824—Ectrichodia gigas, *Stal, Hem. Afr.* iii. 104.

Guinea.

a, b. West Africa. Presented by J. D. Tebbs, Esq.
c. West Africa.
d. Sierra Leone. From Mr. Foxcroft's collection.
e. Old Calabar. From Mr. J. Gray's collection.

4. Ectrichodia distincta.

Reduvius barbicornis, *Drury Ins.* iii. 62, pl. 45, f. 1—Physorhynchus distinctus, *Sgnt. Arch. Ent.* ii. 315—Ectrichodia distinguenda, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 177—Ectrichodia distincta, *Stal, Hem. Afr.* iii. 105.

a—d. Sierra Leone. Presented by the Rev. D. F. Morgan.
e, f. Old Calabar. From the Rev. Mr. Thompson's collection.
g. Old Calabar. From Mr. J. Gray's collection.
h. ———? From Mr. Vigors' collection.

5. Ectrichodia barbicornis.

Reduvius barbicornis, *Fabr. Syst. Ent.* 730; *Sp. Ins.* ii. 378; *Mant. Ins.* ii. 309; *Ent. Syst.* iv. 194; *Syst. Rhyn.* 267—Physorhynchus barbicornis, *Serv. Hist. Hem.* 343—Physorhynchus crudelis, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 188—Ectrichodia barbicornis, *Stal, Hem. Afr.* iii. 305.

Guinea.

a—c. Sierra Leone. Presented by the Rev. D. F. Morgan.
d. West Africa. From Major Parry's collection.

6. Ectrichodia autumnalis.

autumnalis, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 177; *Hem. Afr.* iii. 106.

Cape Palmas.

a, *b*. Sierra Leone. Presented by the Rev. D. F. Morgan.

7. Ectrichodia bigemmis.

Physorhynchus bigemmis, *Stal*, *Ofv. K. Vet. Ak. Forh.* xv. 40—Ectrichodia bigemmis, *Stal*, *Hem. Afr.* iii. 107.

Natal.

8. Ectrichodia patricia.

Physorhynchus patricius, *Stal*, *Ofv. K. Vet. Ak. Forh.* xv. 40—Ectrichodia patricia, *Stal*, *Hem. Afr.* iii. 107.

Natal.

9. Ectrichodia Natalensis.

Physorhynchus Natalensis, *Stal*, *Ofv. K. Vet. Ak. Forh.* xv. 40—Ectrichodia Natalensis, *Stal*, *Hem. Afr.* iii. 107.

Natal.

10. Ectrichodia tarsalis.

tarsalis, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 178; *Hem. Afr.* iii. 109.

Natal.

11. Ectrichodia diversipes.

Fœm. *Nigra; caput conicum, prothoracis lobo antico brevius, antice luteo univittatum; prothorax et scutelli mucrones lutei; venter luteus, vittis duabus latissimis spatioque apicali nigris; femora apices versus lutea; tibiæ luteæ, apice nigræ.*

Female. Black, elongate-subfusiform, narrower towards the head. Head conical, shorter than the fore lobe of the prothorax; middle lobe luteous; ante-ocular part much longer than the post-ocular. Eyes slightly prominent. First and second joints of the rostrum nearly equally long. Antennæ much longer than the head and the prothorax together; first joint as long as the head; second longer than the first; third shorter than the first; fourth shorter than the third. Prothorax luteous above; sutures black; longitudinal furrow strongly marked; fore lobe a little longer than the hind lobe. Scutellum with two tubercular luteous points, which are wide apart. Abdomen luteous beneath, black towards the tip and with a very broad black stripe on each side. Femora luteous towards the tips; four anterior femora incrassated; tibiæ luteous, their tips black. Fore wings narrow, not extending to the tip of the abdomen. Length of the body 13—16 lines.

a, *b*. Abyssinia. Presented by the Secretary for the East Indies.
c. Abyssinia.

12. Ectrichodia marginicollis.

Fœm. *Nigra, nitens; caput conicum, capitis lobo antico æquilongum; antennarum articulus 4us albus, apicem versus niger; prothoracis lobus anticus luteo marginatus; pedes validi, femoribus quatuor anterioribus subincrassatis.*

Female. Black, smooth, shining, elongate-subelliptical, narrower towards the head. Head conical, as long as the fore lobe of the prothorax; ante-ocular part much longer than the post-ocular. Eyes slightly prominent. First and second joints of the rostrum about equal in length. Antennæ much longer than the head and the prothorax together; first joint a little longer than the ante-ocular head; second longer than the first; third as long as the first; fourth white, black towards the tip, shorter than the third. Prothorax with a distinct longitudinal furrow; fore lobe luteous-bordered, longer than the hind lobe. Tubercular points of the scutellum wide apart. Legs stout; four anterior femora slightly incrassated; four anterior tibiæ with an oblong furrow. Length of the body 12 lines.

The specimen described is probably not fully developed.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

Div. 2.

Nularda, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 178.

13. Ectrichodia nobilitata.

Nularda nobilitata, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 178.

Senegal.

Div. 3.

Centraspis, *Schaum*, *Ber. Akad. Berl.* 1853, 358. *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 179; *Hem. Afr.* iii. 103.

14. Ectrichodia Petersi.

Centraspis Petersi, *Schaum*, *Ber. Akad. Berl.* 1853, 358; *Peters*, *Reise Mozamb. Ins.* 49, pl. 2, f. 9. *Stal*, *Hem. Afr.* iii. 103.

Mozambique.

15. Ectrichodia imperialis.

imperialis, *Westw. Trans. Ent. Soc. Lond.* iv. 119, pl. 7, f. 2—Centraspis imperialis, *Stal*, *Hem. Afr.* iii 103.

Cape Palmas.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

Div. 4.

Microstemma, *Sgnt. Arch. Ent.* ii. 313. *Stal*, *Hem. Afr.* iii. 108.

16. Ectrichodia atrocyanea.

Microstemma atrocyaneum, *Sgnt. Arch. Ent.* ii. 314, pl. 11, f. 9. *Stal*, *Hem. Afr.* iii. 108.

Calabar.

a. West Africa. Presented by E. Doubleday, Esq.

Div. 5.

Cleptria, *Stal*, *Ofv. K. Vet. Ak. Forh.* x. 261; xvi. 182; *Hem. Afr.* iii. 109.

A. Prothorax wholly dark.
a. Eyes very prominent. - - - - tarsalis.
b. Eyes moderately prominent.
* Legs black.
† Abdomen hardly furrowed beneath. - - - cinctiventris.
†† Abdomen distinctly furrowed beneath. - - marginipennis.
** Legs partly pale. - - - - - rufipes.
B. Prothorax black; hind lobe pale. - - - miles.
C. Prothorax wholly pale. - - - - oculata.

17. Ectrichodia tarsalis (bis lectum).

Cleptria tarsalis, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 961. *Stal*, *Hem. Afr.* iii. 109.

Madagascar.

18. Ectrichodia cinctiventris.

Cleptria cinctiventris, *Stal*, *Ofv. K. Vet. Ak. Forh.* xii. 41; *Hem. Afr.* iii. 109.

Natal.

19. Ectrichodia oculata.

Cleptria oculata, *Stal*, *Hem. Afr.* iii. 109.

South-West Africa.

a. Lake N'Gami. From Mr. Andersen's collection.

20. Ectrichodia marginipennis.

Cleptria marginipennis, *Stal*, *Ofv. K. Vet. Ak. Forh.* xii. 41; *Hem. Afr.* iii. 110.

Natal.

21. Ectrichodia rufipes.

Cleptria rufipes, *Stal*, *Ofv. K. Vet. Ak. Forh.* xiii. 197; *Hem. Afr.* iii. 110.

Cape.

22. Ectrichodia miles.

Ectrychotes miles, *Germ. Silb. Rev. Ent.* v. 130—Ectrichodia bicoloripes, *Stal*, *Ofv. K. Vet. Ak. Forh.* xi. 237—Cleptria miles, *Stal*, *Hem. Afr.* iii. 110.

Cape.

Div. 5?

Gymmatophora, *Stal*, *Ofv. K. Vet. Ak. Forh.* x. 261.

This generic name is supposed by Signoret to be founded on an immature species of Cleptria.

Div. 6.

Santosia, *Stal, Ofv. K. Vet. Ak. Forh.* xv. 442; xvi. 184; *Hem. Afr.* iii. 111.

A. Body red beneath.
a. Corium black; base and band red. - - bidentula.
b. Costa of the corium pale at the base.
* Base of the neck black. - - - - simillima.
** Base of the neck pale.
† Pectus pale. - - - - - trimaculata.
†† Pectus black. - - - - - diminuens.
*** Head black, with a red band behind the eyes. - subfasciata.
**** Head wholly black. - - - - ænescens.
c. Corium pale, marked with black. - - - maculata.
B. Body black beneath, excepting the bands of the abdomen. - - - erythrocephala, diminuens.
C. Head and abdomen bright red. - - - pictipes.

23. Ectrichodia maculata.

Reduvius maculatus, *Fabr. Ent. Syst.* iv. 195; *Syst. Rhyn.* 268—Santosia maculata, *Stal, Ofv. K. Vet. Ak. Forh.* xv. 442; *Hem. Afr.* iii. 111.

Calabar.

a, b. Sierra Leone. Presented by the Rev. D. F. Morgan.

24. Ectrichodia trimaculata.

Reduvius trimaculatus, *Pal. Beauv. Ins.* 64. *Hem.* pl. 2, f. 3—Santosia trimaculata, *Stal, Hem. Afr.* iii. 111.

Calabar.

25. Ectrichodia simillima.

Santosia simillima, *Stal, Ofv. K. Vet. Ak. Forh.* xv. 443; *Hem. Afr.* iii. 112.

Calabar.

26. Ectrichodia bidentula.

Ectrychotes bidentulus, *Germ. Silb. Rev. Ent.* v. 130—Santosia bidentula, *Stal, Hem. Afr.* iii. 112.

a, b. Cape. From M. Dregé's collection.
c. South Africa. Presented by Sir A. Smith.

27. Ectrichodia erythrocephala.

Reduvius erythrocephalus, *Wolff, Ic. Cim.* iii. 126, pl. 12, f. 120—Reduvius albomarginatus, *Fabr. Syst. Rhyn.* 268—Santosia erythrocephala, *Stal, Hem. Fabr.* i. 119.

a. Guinea. Presented by W. W. Saunders, Esq.

28. Ectrichodia diminuens.

Fœm. *Nigra, glabra, nitens; caput subfusiforme, pallide rufum, prothoracis lobo antico multo longius; rostrum basi pallide rufum; antennæ pilosæ, basi pallide rufæ; prothorax flavus, nigro quadrimaculatus; segmenta ventralia flavo fasciata; femora quatuor anteriora subincrassata; alæ anticæ atræ.*

Female. Black, fusiform, smooth, shining. Head pale red, subfusiform, much longer than the fore lobe of the prothorax; ante-ocular part shorter than the post-ocular. Eyes slightly prominent. First joint of the rostrum pale red towards the base, much longer than the second. Antennæ hairy, much longer than the head and the prothorax together; first joint nearly as long as the head, pale red towards the base; second much longer than the first; third shorter than the first; fourth shorter than the third. Prothorax yellow, with a large black spot on each of the four compartments, and with a strougly-marked longitudinal furrow; fore lobe much shorter than the hind lobe. Points of the scutellum rather far apart. A yellow band on the fore border of each ventral segment, dilated in the middle. Four anterior femora very slightly incrassated; furrow of the four anterior tibiæ very short. Fore wings deep black. Length of the body 7 lines.

a. Sierra Leone. Presented by the Rev. D. F. Morgan.

29. Ectrichodia pictipes.

Mas. *Viridis, nitens; caput conicum, prothoracis lobo antico æquilongum; rostrum piceum, basi flavum; prothorax rufus, nigro bivittatus; pedes rufi, coxis genubus tarsisque apice nigris, femoribus quatuor anterioribus incrassatis; alæ anticæ atræ.*

Male. Bright metallic-green, fusiform. Head conical, as long as the fore lobe of the prothorax; ante-ocular part much longer than the post-ocular. Ocelli red, not elevated. Eyes black, slightly prominent. Rostrum piceous; first joint yellow, piceous at the tip, a little longer than the second. Antennæ black, pilose, a little longer than the head and the prothorax together; first joint longer than the ante-ocular head; second longer than the first; third much shorter than the first; fourth much shorter than the third. Prothorax bright red, with a longitudinal furrow, which is abbreviated in the hind lobe and is black in the fore lobe; fore lobe a little shorter than the hind lobe, with a black notched stripe on each side; hind lobe black about the fore border, with two lanceolate black stripes and with two exterior longitudinal furrows. Points of the scutellum far apart. Legs bright red; coxæ, trochanters, knees and tips of tarsi black; four anterior femora incrassated, dentate beneath; furrows of the four anterior tibiæ very short. Fore wings deep black. Length of the body — lines.

a. Interior of South Africa. Presented by the Earl of Derby in 1843.

Div. 7.

Pirena, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 47.

30. Ectrichodia punctata.

Pirena punctata, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 47.

a. Natal. From M. Gueinzius' collection.

South Asia and Eastern Isles.

Div. 1.

Physorhynchus, *Serv.*—Ectrichodia, *Stal.*

31. Ectrichodia Linnei.

Linnei, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 178.

Ceylon.

32. Ectrichodia rubra.

rubra, *Serv. Hist. Hem.* 344, pl. 7, f. 7.

Java.

33. Ectrichodia discrepans.

Mas. *Nigra, nonnunquam cyaneo aut purpureo varia; caput subtriangulare, transverse striatum, prothoracis lobo antico brevius; antennæ apices versus fuscescentes; scutelli mucrones tuberculati; abdomen rufum, apicem versus nigrum; pedes robusti, femoribus quatuor posterioribus subtus tuberculatis, anticis subtus unispinosis.* Fœm.—*Aptera; antennæ 6-articulatæ; abdomen nigrum, scabrum; connexivum rufum aut rufo marginatum.*

Male. Black, fusiform, smooth, shining, sometimes tinged with blue or purple. Head somewhat triangular, striated transversely, shorter than the fore lobe of the prothorax; ante-ocular part longer than the post-ocular; ocelliferous part elevated. Eyes slightly prominent. First and second joints of the rostrum nearly equally long. Antennæ hairy, a little longer than the head and the prothorax together; first joint longer than the head; second longer than the first; third and fourth brownish; third much shorter than the first; fourth shorter than the third. Prothorax with an impression on each side of the longitudinal furrow and partly on each lobe; fore lobe about as long as the hind lobe. Tubercular points of the scutellum wide apart. Abdomen red, black towards the tip. Legs stout; hind femora with a tubercle beneath near the tip; middle femora with two tubercles beneath; fore femora with a stout spine beneath; fore anterior tibiæ with an oblong furrow. Hind wings cinereous. Length of the body 10 lines. *Female.*—Wingless. Antennæ 6-jointed, hardly pilose. Abdomen black, scabrous; connexivum red or bordered with red. Length of the body 12—16 lines.

a—c. Ceylon. Presented by Dr. Templeton.
d. Ceylon. From Mr. Thwaites' collection.
e—g. Ceylon. Presented by W. W. Saunders, Esq.

h, *i*. Hindostan. Presented by J. C. Bowring, Esq.
j, *k*. Hindostan. From the Entomological Society's collection.
l, *m*. Silhet. From the Rev. J. Stainforth's collection.
n. Hindostan. From Mr. Warwick's collection.
o. ——— ?

34. Ectrichodia porrigens.

Fœm. *Nigra; caput fusiforme, prothoracis lobo antico multo longius et angustius; prothorax transverse striatus, lobi postici, lateribus luteis; scutelli mucrones lutei; abdomen rufum, vittis duabus apice faciisque ventralibus nigris; corii striga basalis lutea.*

Female. Black, fusiform, excepting the head. Head narrow, fusiform, much longer than the fore lobe of the prothorax; ante-ocular part as long as the post-ocular. Eyes slightly prominent. Rostrum thick; first joint hardly longer than the second. Prothorax transversely striated, with a strongly-marked longitudinal furrow; fore lobe shorter than the hind lobe, with an oblique furrow on each side; hind lobe luteous on each side, except in front. Scutellum with two luteous wide-apart points. Abdomen red; under side with two black stripes, with a black tip, and with narrow black bands. Four anterior tibiæ with an elliptical furrow beneath. Costa of the corium with a luteous basal streak. Length of the body 6 lines.

a. Philippine Isles. From Mr. Cuming's collection.

Div. 2.

Mendis, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 180.

35. Ectrichodia semirufa.

Ectrichodia semirufa, *Stal*, *Ofv. K. Vet. Ak. Forh.* xi.—Mendis semirufa, *Stal*, *Ofv. K. Vet. Ak. Forh.* xi.

a. Pulo Penang. Presented by J. C. Bowring, Esq.

36. Ectrichodia fuscipennis.

Mendis fuscipennis, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 181.

Java.

37. Ectrichodia nigripennis.

Reduvius nigripennis, *Fabr. Ent. Syst.* iv. 196; *Syst. Rhyn.* 269—Mendis sanguinaria, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 301—Mendis nigripennis, *Stal*, *Hem. Fabr.* i. 117.

Hindostan.

38. Ectrichodia pectoralis.

Mendis pectoralis, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 44.

a, *b*. Shanghai. From Mr. Fortune's collection.
c. Amoy. From Mr. Stevens' collection.

39. Ectrichodia insignis.

Fœm. *Rufa; caput subellipticum, prothoracis lobo antico multo longius; rostrum, antennæ, pedes et alæ anticæ nigra; oculi valde prominuli; prothorax trisulcatus; venter nigro biseriatim maculatus; corium vitta costali rufa.*

Female. Red, fusiform, smooth, shining. Eyes, rostrum, antennæ, legs and fore wings black. Head subelliptical, much longer than the fore lobe of the prothorax; ante-ocular part rather longer than the post-ocular; ocelliferous part very convex. Eyes very prominent. First joint of the rostrum much shorter than the second. First joint of the antennæ much longer than the ante-ocular head; second a little longer than the first. Prothorax with three strongly-marked longitudinal furrows; fore lobe much shorter than the hind lobe. Apical points of the scutellum very wide apart. Abdomen beneath with a row of large black spots on each side. Legs rather slender; furrow of the four anterior tibiæ elliptical. Corium with a red costal stripe. Length of the body 8½ lines.

a. Hindostan. Presented by J. C. Bowring, Esq.

Div. 3.

Sphinctomerus, *Mayr*, *Verh. Zool. Bot. Ver. Wien.* xv. 440.

40. Ectrichodia pulchra.

Sphinctomerus pulcher, *Mayr*, *Verh. Zool. Bot. Ver. Wien.* xv. 441.

Java.

Div. 4.

Vilius, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 45.

41. Ectrichodia melanoptera.

Vilius melanopterus, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 45.

a. Silhet. Presented by J. C. Bowring, Esq.

42. Ectrichodia macrops.

Mas. Rufa; caput subellipticum, prothoracis lobo antico multo longius; oculi valde prominuli; prothorax bisulcatus; pedes graciles, femoribus apice tibiisque basi nigris; alæ anticæ nigræ, coria costæ rufa.

Male. Red, smooth, shining, elongate-fusiform. Head subelliptical, much longer than the fore lobe of the prothorax, rectangular on each side above; ante-ocular part much longer than the post-ocular; seat of the ocelli elevated. Eyes black, extremely prominent. First joint of the rostrum shorter than the second. Prothorax with three longitudinal furrows, which are much more strongly marked in the hind lobe than in the fore lobe; fore lobe much shorter than the hind lobe. Scutellum short, excavated at the base; the two apical points short, very wide apart. Legs slender; femora at the tips and tibiæ at the base black; tips of the four anterior tibiæ dilated, their furrows very short. Fore wings black; costa of the corium red. Length of the body 10 lines.

Very nearly allied to E. melanoptera, but probably distinct.

a. Siam. Presented by W. W. Saunders, Esq.

43. Ectrichodia limbifera.

Mas. *Rufa; caput subellipticum, prothoracis lobo antico multo longius; oculi sat prominuli; antennæ nigræ; prothorax trisulcatus; venter nigro biseriatim maculatus; pedes graciles; alæ anticæ nigræ, corii costa rufa.*

Male. Red, smooth, shining, elongate-subfusiform. Head subelliptical, much longer than the fore lobe of the prothorax and nearly as broad; ante-ocular part as long as the post-ocular; ocelliferous part elevated. Eyes black, rather long and prominent. Antennæ black; first joint longer than the ante-ocular bead. Prothorax with three longitudinal furrows, which are much more strongly marked in the hind lobe than in the fore lobe; fore lobe much shorter than the hind lobe. Scutellum excavated at the base; the two apical points very wide apart. Abdomen beneath with a row of large black spots on each side. Legs slender; furrow of the four anterior tibiæ elliptical. Fore wings black; costa of the corium red. Length of the body $8\frac{1}{2}$ lines.

Closely allied to E. macrops and to E. melanoptera.

a. Hindostan? Presented by Major-Gen. Hardwicke.

44. Ectrichodia maculiventris.

Scadra maculiventris, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 46.

a. Hindostan. From the Entomological Society's collection.

45. Ectrichodia lanius.

Physorhynchus lanius, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 188—Scadra lanius *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 183; xxiii. 301.

Pulo Penang.

a, *b*. Java: Presented by J. C. Bowring, Esq.
c. ———?

Div. 5.

Scadra, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 182.

46. Ectrichodia aliena.

Mas. *Nigra; caput fusiforme, prothoracis lobo antico multo longius; lobus posticus antice scaber, postice luteo quadrinotatus; scutelli mucrones lutei; venter rufus, fasciis vittis duabus apiceque nigris; corium rufescens, litura triangulari nigra; membrana lurida.*

Male. Black, shining, fusiform, excepting the head. Head fusiform, much longer than the fore lobe of the prothorax; ante-ocular part with three strongly-marked lobes, as long as the post-ocular; ocelliferous part very convex. Eyes rather prominent. First joint of the rostrum a little longer than the second. Prothorax with a slightly-marked longitudinal furrow on each side; fore lobe a little shorter and more convex than the hind lobe, with an oblique furrow on each side of the disk and with a strongly-marked longitudinal furrow; hind lobe with luteous hind angles and a

luteous spot on each side of the hind border, scabrous in front, where there is a short longitudinal furrow. Apical points of the scutellum luteous, wide apart. Abdomen beneath red, with a narrow black band on the fore border of each segment, with a black stripe on each side, and with a black tip. Legs rather slender; furrow beneath the four anterior tibiæ elliptical. Corium reddish, with an elongate triangular black mark in the disk. Membrane lurid. Length of the body 6½ lines.

a. Java. Presented by J. C. Bowring, Esq.

47. Ectrichodia sulica.

Mas. *Flava, nitens; caput fusiforme, prothoracis lobo antico multo longius; antennæ nigræ, filiformes, articulo* 1o *basi flavo,* 4o *flavo basi nigro; prothoracis lobus posticus rufus; scutellum rufum, basi nigro notatum; pectus nigrum; connexivum nigro maculatum; venter nigro brevibivittatus; femora nigro bifasciata; tibiæ nigræ, flavo unifasciatæ; alæ anticæ nigræ, basi vittaque costali rufis.*

Male. Yellow, fusiform, smooth, shining. Head fusiform, much longer than the fore lobe of the prothorax; ante-ocular part much longer than the post-ocular; ocelliferous part convex, mostly black. Eyes slightly prominent. First joint of the rostrum longer than the second. Antennæ black, filiform, much more than half as long as the body; first joint yellow towards the base, a little longer than the ante-ocular head; second longer than the first; third hardly shorter than the first; fourth yellow, black at the base, as long as the first. Fore lobe of the prothorax shorter and more convex than the hind lobe, with three very slight longitudinal furrows; hind lobe red, with three strongly-marked longitudinal furrows. Scutellum red, black in the middle towards the base; apical points wide apart. Pectus black. Abdomen keeled beneath, where there is a black stripe on each side on the third and fourth segments. Connexivum above with large black spots. Legs slender; femora with two broad black bands, the second apical; tibiæ black, with a broad yellow middle band; tarsi blackish towards the tips. Fore wings black; corium red at the base, and with a narrow red costal stripe. Length of the body 5½ lines.

a. Sula. Presented by W. W. Saunders, Esq.

48. Ectrichodia intermedia.

Mas. *Rufa, nitens; caput fusiforme, prothoracis lobo antico multo longius et angustius; venter e maculis nigris transversis biseriatim vittatum; pedes sat graciles; alæ anticæ atræ, costa coriique venis rufis.*

Male. Red, smooth, shining, fusiform, excepting the head. Head fusiform, much longer and narrower than the fore lobe of the prothorax; ante-ocular part somewhat longer than the post-ocular; seat of the ocelli not elevated. Eyes slightly prominent. First and second joints of the rostrum about equally long. First joint of the antennæ much longer than the ante-ocular head; second longer than the first. Prothorax with a broad and strongly-marked longitudinal furrow; fore lobe as long as the hind lobe, which has a strongly-marked furrow on each side. Scutellum with two long wide-apart apical points. Abdomen beneath with a row of black

transversely elongated spots on each side. Legs rather slender; furrow of the four anterior tibiæ elliptical. Fore wings deep black; costa and veins of the corium red. Length of the body 8 lines.

a. Sarawak. Presented by W. W. Saunders, Esq.

49. Ectrichodia Ophirica.

Mas. *Rufa; caput ellipticum, prothoracis lobo antico paullo longius; oculi subprominuli; antennæ piceæ, pilosissimæ, articulo 1o rufo; prothorax antice unisulcatus, postice trisulcatus; scutellum tridentatum; pectus nigro biplagiatum; venter nigro trivittatus; pedes breviusculi, sat validi, femoribus quatuor anterioribus subincrassatis; alæ anticæ nigræ, corii basi lineaque costali rufis.*

Male. Red, fusiform, smooth, shining. Head elliptical, a little longer than the fore lobe of the prothorax; ante-ocular part longer than the post-ocular. Eyes piceous, slightly prominent. First joint of the rostrum longer than the second. Antennæ piceous, very hairy; first joint red, nearly as long as the head; second much longer than the first; third and following joints shorter than the first. Prothorax with a strongly-marked longitudinal furrow, which does not extend to the hind border of the hind lobe; fore lobe shorter than the hind lobe, which has a strongly-marked longitudinal furrow on each side. Scutellum with two wide-apart points and with an intermediate smaller point. Pectus with a black patch on each side. Abdomen beneath with a broad abbreviated black stripe on each side. Legs rather short and stout; four anterior femora slightly incrassated; four anterior tibiæ with an elliptical furrow. Fore wings black; corium red at the base, and with a red costal line. Length of the body 5 lines.

a. Mount Ophir. Presented by W. W. Saunders, Esq.

50. Ectrichodia includens.

Fœm. *Nigra, glabra; caput fusiforme, prothoracis lobo antico sat longius; rostrum ferrugineum; prothorax et scutelli mucrones rufi; connexivum rufo maculatum; pedes sat graciles; corium litura aut fascia informi basi costaque rufis.*

Female. Black, fusiform, smooth, shining. Head fusiform, rather longer than the fore lobe of the prothorax; ante-ocular part as long as the post-ocular. Eyes slightly prominent. Rostrum ferruginous; first joint longer than the second. Antennæ hairy, longer than the head and the prothorax together; first joint much longer than the ante-ocular head; second longer than the first; third shorter than the first; fourth shorter than the third. Prothorax red, with a strongly-marked longitudinal furrow, which does not extend to the hind border of the hind lobe; fore lobe with a slight longitudinal furrow on each side, hardly shorter and much more convex than the hind lobe, from which it is divided by a black suture; hind lobe with a strongly-marked longitudinal furrow on each side. Apical points of the scutellum red, far apart. Connexivum with red spots along each side. Legs rather slender; furrow beneath the four anterior tibiæ

oblong. Corium red at the base, with a red costal stripe, and with a red mark on the interior border, or sometimes with a red irregular and interrupted band. Length of the body 5½—6 lines.

a—c. North China. From Mr. Fortune's collection.
d. Hong Kong. Presented by J. C. Bowring, Esq.
e, f. Yang-Tsse. Presented by J. C. Bowring, Esq.

51. Etrichodia luteicollis.

Mas. *Nigra; caput ellipticum, prothoracis lobo antico multo longius, antice testaceum; rostrum plus minusve testaceum; antennæ latæ, filiformes, articulo* 1o *luteo apicem versus nigro; scutellum et abdomen basi lutea; venter pallide flavus, luteo varius, nigro unifasciatus et trimaculatus; pedes quatuor anteriores lutei, femoribus basi genubus tibiis apice tarsisque nigris; corium luridum; membrana fusca.*

Male. Black, fusiform, smooth, shining. Head elliptical, much longer than the fore lobe of the prothorax; ante-ocular part pale testaceous, longer than the post-ocular part. Eyes slightly prominent. Ocelli not elevated. Rostrum more or less testaceous; first and second joints about equally long. Antennæ broad, filiform, longer than the head and the prothorax together; first joint lutescent, black towards the tip, longer than the ante-ocular head, shorter than the second; third a little shorter than the first; fourth hardly shorter than the third. Fore lobe of the prothorax luteous, with a slight longitudinal furrow, much shorter than the second, which has three strongly-marked longitudinal furrows and a luteous hind border. Scutellum luteous; apical points very wide apart. Abdomen luteous towards the base; under sides pale yellow, partly luteous, with a black band, with a hinder black spot on each side, and with an apical black spot. Four anterior legs luteous; femora towards the base, knees, tarsi and tips of tibiæ black. Corium lurid. Membrane brown. Length of the body 5—5½ lines.

Closely allied to E. maculiventris and to E. lanius.

a. Sarawak. Presented by W. W. Saunders, Esq.
b. Sarawak. From Mr. Wallace's collection.

52. Ectrichodia rufidens.

Scadra rufidens, *Stal, Ofv. K. V. Ak. Forh.* xvi. 183.

Philippine Isles.

53. Ectrichodia fuscicrus.

Scadra fuscicrus, *Stal, Ofv. K. V. Ak. Forh.* xvi. 183.

Ceylon.

54. Ectrichodia nigrorufa.

Scadra nigrorufa, *Stal, Ofv. K. Vet. Ak. Forh.* xxiii. 301.

Japan.

Div. 6.

Adrania, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 46.

55. Ectrichodia macra.

Adrania macra, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 46.

a. Wagiou. From Mr. Wallace's collection.
b, *c*. New Guinea. From Mr. Wallace's collection.
d—*g*. New Guinea. Presented by W. W. Saunders, Esq.

56. Ectrichodia cylindrica.

Mas et fœm. *Atra, nitens, fere cylindrica; caput subellipticum, prothoracis lobo antico paullo longius; antennæ basi rufæ; connexivum albo maculatum; ventris discus rufus; pedes rufi, graciles.* Fœm.—*Antennarum articuli* 3*us et* 4*us albi, apices versus nigri.*

Male and female. Deep black, smooth, shining, very narrow, nearly cylindrical. Head subelliptical, a little longer than the fore lobe of the prothorax; ante-ocular part as long as the post-ocular. Eyes slightly prominent. Ocelli not elevated. First joint of the rostrum longer than the second. Antennæ very much longer than the head and the prothorax together, very hairy in the male; first joint red; second very much longer than the first; third and fourth shorter than the first, white in the female, except towards the tip. Fore lobe of the prothorax with a slight longitudinal furrow, shorter than the hind lobe. Scutellum small, excavated. Connexivum with white spots. Legs red, slender; fore femora slightly incrassated; furrow beneath the four anterior tibiæ very short. Fore wings opaque. Length of the body 6—7 lines.

Resembles E. macera in structure.

a. Celebes. Presented by W. W. Saunders, Esq.
b. Gilolo. Presented by W. W. Saunders, Esq.
c. Batchian. From Mr. Wallace's collection.

57. Ectrichodia luteoatra.

Mas. *Atra, glabra, fere linearis, caput ellipticum, prothoracis lobo antico sat longius; rostri articulus* 1*us luteus; antennæ basi luteæ; prothoracis lobus anticus luteus; pedes breviusculi, sat validi; antici lutei, femoribus basi tibiis apice genubus tarsis nigris.*

Female. Deep black, smooth, shining, nearly linear. Head elliptical, rather longer than the fore lobe of the prothorax; ante-ocular part longer than the post-ocular; ocelliferous part convex. Eyes very prominent. Rostrum black; first joint luteous, as long as the second. Antennæ black, thickly hairy, longer than the head and the prothorax together; first joint luteous, longer than the ante-ocular head; second as long as the first; fifth much shorter than the second. Prothorax with a well-defined longitudinal furrow; fore lobe luteous, more convex and very little shorter than the hind lobe, which has a well-defined longitudinal furrow on each side. Apical points of the scutellum wide apart. Legs rather short and stout;

furrows of the four anterior tibiæ elliptical; fore legs luteous; femora at the base, knees, tarsi and tips of tibiæ black. Length of the body 7 lines.

a. Malacca. Presented by W. W. Saunders, Esq.

Div. 7.

Larymna, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 183.

58. Ectrichodia pilicornis.

Reduvius pilicornis, *Fabr. Mant. Ins.* ii. 311; *Ent. Syst.* iv. 200; *Syst. Rhyn.* 272—Larymna pilicornis, *Stal*, *Hem. Fabr.* i. 118.

Tranquebar. Sumatra.

a. Hindostan. Presented by J. C. Bowring, Esq.
b. Hindostan. Presented by W. W. Saunders, Esq.
c. Hindostan. From the Entomological Society's collection.
d. Hindostan.
e. North Bengal. From Lieut. Campbell's collection.

59. Ectrichodia violacea.

Loricerus violaceus, *Hahn*, *Wanz. Ins.* i. 32, pl. 5, f. 21—Larymna violacea, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 183.

Japan.

a. Java. From Mr. Stevens' collection.
b—d. Java.

60. Ectrichodia crudelis.

Reduvius crudelis, *Fabr. Syst. Rhyn.* 269—Larymna crudelis, *Stal*, *Hem. Fabr.* i. 118.

a, *b*. Penang. Presented by J. C. Bowring, Esq.
c, *d*. Java. Presented by J. C. Bowring, Esq.
e. Interior of China. Presented by Lieut.-Col. H. A. Sarel.
f—h. North China. From Mr. Fortune's collection.
i, *j*. Yang-Tsse. Presented by J. C. Bowring, Esq.
k. North Bengal. From Lieut. Campbell's collection.
l. Philippine Isles. From Mr. Cuming's collection.
m. Celebes. Presented by W. W. Saunders, Esq.
n. Celebes. From Mr. Wallace's collection.
o. Sarawak. From Mr. Wallace's collection.
p. Isle Formosa. Presented by Dr. Collingwood.

61. Ectrichodia colorata.

Larymna colorata, *Mayr*, *Verh. Zool. Bot. Gesell. Wien.* xv. 439.

Java.

62. Ectrichodia hæmatogaster.

Reduvius hæmatogaster, *Burm. Meyns Reise*, 425, pl. 51, f. 9—Larymna hæmatogaster, *Stal, Ofv. K. V. Ak. Forh.* xvi. 184.

Philippine Isles.

63. Ectrichodia axillaris.

Loricerus axillaris, *Costa, Ann. Mus. Zool. Nap.* ii. 79.

Japan.

Div. 8.

Cæcina, *Stal, A. S. E. F. 4me Sér.* iii. 48.

64. Ectrichodia spinulosa.

Cæcina spinulosa, *Stal, A. S. E. F. 4me Sér.* iii. 48.

Cambodia.

Div. 9.

Antiopa, *Stal, A. S. E. F. 4me Sér.* iii. 47.

65. Ectrichodia pumila.

Antiopa pumila, *Stal, A. S. E. F. 4me Sér.* iii. 47.

a. Ceylon. Presented by Dr. Templeton.

Div. 10.

66. Ectrichodia pyrophila.

Mas. *Rufa, pubescens; caput fusiforme, prothoracis lobo antico multo longius; oculi prominuli; segmentorum ventralium margines postici punctati; corii discus nigricans, rufo venosus; membrana nigra.*

Male. Red, pubescent, shining, fusiform. Head fusiform, much longer than the fore lobe of the prothorax; ante-ocular part as long as the post-ocular; ocelliferous part not elevated. Eyes prominent. First and second joints of the rostrum about equally long. Antennæ very pilose, much more than half as long as the body; first joint much longer than the head; second shorter than the first; third shorter than the second. Prothorax with a well-defined longitudinal furrow; fore lobe shorter and much narrower than the hind lobe, which is thickly and minutely punctured, and has a longitudinal furrow on each side. Scutellum with two wide-apart apical points. Abdomen beneath punctured along the hind borders of the segments. Legs slender, hairy; furrow beneath the four anterior tibiæ elliptical. Corium blackish in the disk, excepting the veins. Membrane black. Length of the body 4 lines.

a. Sarawak. Presented by W. W. Saunders, Esq.

America.

Div. 1.

Zirta, *Stal, Ofv. K. V. Ak. Forh.* xvi. 176—Ectrichodia, *Serv. Hist. Hem.* 343.

67. Ectrichodia cruciata.

Petalocheirus cruciatus, *Say, Works ed Leconte*, i. 358—Ectrychotes bicolor, *H.-Sch. Wanz. Ins.* viii. 83, pl. 266, f. 822.

a. Indiana. Presented by F. Walker, Esq.

68. Ectrichodia hirticornis.

Reduvius hirticornis, *Fabr. Ent. Syst. Suppl.* 544; *Syst. Rhyn.* 269. *Coq. Ill. Ins.* ii. 84, pl. 19, f. 12—Reduvius analis, *Pal. Beauv. Ins.* 64. *Hém.* pl. 2, f. 4—Ectrichodia hirticornis, *Am. et Serv. Hist. Hem.* 344—Zirta hirticornis, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 176.

a. Tessica. Presented by the Rev. H. Clark.
b—e. Rio Janeiro. Presented by W. W. Saunders, Esq.
f—h. ———?

69. Ectrichodia atripennis.

Mas. *Atra; caput ellipticum, transverse striatum, prothorace longius, luteo trivittatum; oculi prominuli; antennæ pilosæ; prothoracis lobus anticus lituris ramosis luteis; posticus rufus, transverse striatus; scutellum luteo bivittatum; connexivum rufum, perangustum; corium striga basali rufa, guttis duabus luteis.*

Male. Black, fusiform, shining. Head elliptical, finely and transversely striated, rather longer than the fore lobe of the prothorax, with three luteous stripes, and with a luteous ocelliferous tubercle; ante-ocular part as long as the post-ocular. Eyes promineut. First joint of the rostrum shorter than the second. Antennæ hairy, much more than half as long as the body; first joint rather shorter than the head; second much longer than the first; third a little longer than the first; fourth as long as the first. Prothorax with a distinct longitudinal furrow; fore lobe much shorter than the hind lobe, with luteous ramifying marks; hind lobe red, finely and transversely striated, with a slight longitudinal furrow on each side. Scutellum with two curved luteous stripes, which include the moderately wide-apart apical points. Connexivum red, very narrow. Legs rather slender; furrow beneath the four anterior tibiæ elliptical. Corium with a short red streak, extending along the costa from the base, and with luteous dots, one near the interior angle, the other beyond in the disk. Length of the body 8 lines.

Very nearly allied to E. hirticornis.

a. Amazon Region. Presented by W. W. Saunders, Esq.

70. Ectrichodia fervida.

Mas. *Rufa; caput subellipticum, prothoracis lobo antico longius, subtus nigrum; scutellum et pectus nigra, illum transverse sulcatum; abdomen basi plagaque subapicali dorsalibus vittisque duabus ventralibus nigris; pedes nigri, graciles; alæ anticæ fuscæ, basi rufæ, membranæ venis basalibus albidis.*

Male. Red, fusiform, smooth, shining. Head subelliptical, longer than the fore lobe of the prothorax, black on each side and beneath; ante-ocular part longer than the post-ocular; ocelliferous part elevated. Eyes slightly prominent. Rostrum, antennæ, scutellum, pectus and legs black. First and second joints of the rostrum nearly equally long. Antennæ much longer than the head and the prothorax together; first joint nearly as long as the head; second longer than the first; third shorter than the first; fourth shorter than the third. Prothorax with a slight longitudinal furrow; fore lobe much shorter than the hind lobe. Scutellum transversely furrowed, with two apical points not far apart. Abdomen above black at the base, and with a black subapical patch; under side with two black stripes, which are united near the tip. Legs slender; furrow of the four anterior tibiæ very short. Fore wings dark brown, red at the base; veins black, whitish at the base of the membrane. Hind wings paler brown. Length of the body 7½ lines.

a. Oajaca. From M. Sallé's collection.

71. Ectrichodia nitidissima.

Mas et fœm. *Rufa; caput conicum, prothoracis lobo antico paullo longius; venter ater, apice rufus; connexivum maris rufum; alæ anticæ atræ, basi rufæ.*

Male and female. Bright red, fusiform, smooth, shining. Head conical, a little longer than the fore lobe of the prothorax; ante-ocular part much longer than the post-ocular; ocelliferous part very convex. Eyes, antennæ, abdomen beneath, legs and fore wings deep black, the latter bright red at the base. First joint of the rostrum longer than the second. Antennæ longer than the head and the prothorax together; first joint a little longer than the ante-ocular head; second longer than the first; third a little shorter than the second; fourth shorter than the third. Prothorax with an extremely slight longitudinal furrow; fore lobe a little shorter than the hind lobe, which has a furrow on each side. Scutellum short, excavated; the two apical points short, far apart. Abdomen red beneath at the tip. Connexivum of the male red. Furrow of the four anterior tibiæ elliptical. Length of the body 7½—8 lines.

a. Parà. Presented by Sir E. Home.
b. Parà. Presented by R. Graham, Esq.
c. Parà. From Mr. Bates' collection.
d. Ega. From Mr. Bates' collection.

72. Ectrichodia venusta.

Fœm. *Rufa aut lutea ; caput conicum, prothoracis lobo antico longius ; prothoracis lobus posticus nigro unimaculatus ; abdominis dorsum nigrum ; connexivum luteo anguste marginatum ; venter nigro fasciatus ; pedes sat validi ; alæ anticæ nigræ, rufo univittatæ.*

Female. Red or luteous, smooth, shining, fusiform. Head conical, longer than the fore lobe of the prothorax ; ante-ocular part more than twice as long as the post-ocular. Eyes slightly promiuent. Rostrum very stout ; second joint a little longer than the first. Antennæ black, longer than the head and the prothorax together ; first joint as loug as the head ; second longer than the first ; third and following shorter. Prothorax with a slight and very short longitudinal furrow ; fore lobe shorter than the hind lobe, which has a very large black spot contiguous to its fore border. Scutellum with a longitudinal furrow, which is black towards the base ; the two apical points moderately far apart. Abdomen black above ; connexivum narrowly luteous-bordered ; under side with black bands, which are dilated on each side. Legs rather stout ; furrow of the four anterior tibiæ elliptical. Wings black ; corium with a red stripe, which extends from the base of the costa to the middle of the exterior border. Length of the body 8 lines.

a. Pernambuco. Presented by — Spooner, Esq.
b. Brazil? From the Zoological Society's collection.

73. Ectrichodia granulata.

Fœm. *Nigra ; caput luteo univittatum, prothoracis lobo antico multo longius ; antennæ apices versus albidæ ; prothorax scaber, luteo sexmaculatus ; venter luteus, nigro latissime marginatus ; connexivum luteo anguste marginatum ; corium striga basali lutea.*

Female. Black, very elongate-oval, smooth and shining beneath. Head fusiform, with a luteous stripe above, much longer than the fore lobe of the prothorax ; ante-ocular part a little longer than the post-ocular. Eyes slightly prominent. First and second joints of the rostrum about equal in length. Antennæ much longer than the head and the prothorax together, inserted at half the length of the ante-ocular part ; first joint nearly as long as the head ; second longer thau the first ; third and following joints whitish, shorter than the first ; third black towards the base. Prothorax scabrous ; fore lobe much shorter than the hind lobe, with a strongly-marked longitudinal furrow, and with two luteous spots on each side ; hind lobe with a luteous spot on each side. Scutellum with a longitudinal furrow, the two apical points rather wide apart. Abdomen beneath lutcous, very broadly bordered with black. Connexivum with a narrow luteous border. Legs slender ; furrow of the fore tibiæ elliptical. Corium with a luteous costal basal streak. Length of the body 8 lines.

a. Cuença. From Mr. Fraser's collection.

74. Ectrichodia geniculosa.

Fœm. *Nigra, nitens; caput fusiforme, prothoracis lobo antico longius; prothorax scaber, lobi postici angulis ferrugineis; ventris discus fulvus; pedes sat graciles; alæ anticæ atræ.*

Female. Black, elongate-oval, smooth and shining beneath. Head fusiform, rather longer than the fore lobe of the prothorax; ante-ocular part twice as long as the post-ocular. Antennæ a little longer than the head and the prothorax together; first joint nearly as long as the head; second rather longer than the first; third hardly half as long as the second; fourth rather shorter than the third; fifth about half as long as the fourth; sixth, seventh and eighth equal in length, each a little shorter than the fifth. Prothorax scabrous, with rounded and not prominent angles. Fore lobe much shorter than the hind lobe. Hind lobe with ferruginous hind angles. Scutellum furcate at the tip. Abdomen beneath with a tawny disk. Legs rather slender; fore femora hardly stouter than the others; fore tibiæ furrowed beneath, and slightly dilated at their tips. Fore wings deep black. Length of the body 8 lines.

a. Cuença. From Mr. Fraser's collection.

75. Ectrichodia spurca.

spurca, *Stal, Rio Jan. Hem.* 72.

Rio Janeiro.

76. Ectrichodia lugens.

Ruduvius lugens, *Fabr. Syst. Rhyn.* 269—Ectrichodia lugens, *Stal, Rio Jan. Hem.* 72.

Rio Janeiro.

77. Ectrichodia albo-annulata.

albo-annulata, *Stal, Rio Jan. Hem.* 72—rubrovenosa *var.?*

Rio Janeiro.

78. Ectrichodia rubrovenosa.

rubrovenosa, *Stal, Rio Jan. Hem.* 72.

a—d. Brazil.
e. Brazil. Presented by F. Walker, Esq.

79. Ectrichodia pallitarsis.

Mas. *Picea, longi-elliptica, subtus nigra; caput lanceolatum, thoracis lobo antico paullo longius; oculi valde prominuli; prothorax subsulcatus; connexivum luteo maculatum; femora quatuor anteriora subincrassata; clavus testaceus.*

Male. Piceous, smooth, shining, elongate-elliptical, black beneath. Head lanceolate, a little longer than the fore lobe of the prothorax; ante-ocular part very much longer than the post-ocular; ocelliferous part elevated. Eyes very prominent. First and second joints of the rostrum

about equally long. First joint of the antennæ a little longer than the ante-ocular head; second a little longer than the first. Prothorax with a slight longitudinal furrow; fore lobe a little shorter than the hind lobe. Scutellum with a deep furrow; the two apical points not far apart. Connexivum with luteous spots. Legs moderately stout; four anterior femora somewhat incrassated; furrow of the fore tibiæ oblong. Clavus of the fore wings testaceous. Length of the body 11 lines.

a. ——— ? From Mr. Sowerby's collection.

80. Ectrichodia nigroscutata.

Fœm. *Lutea; caput conicum, prothoracis lobo antico multo longius; scutellum nigrum; venter flavus, nigro biseriatim maculatus; connexivum nigro maculatum; membrana cinerea.*

Female. Luteous, smooth, shining, elongate-fusiform. Head conical, much longer than the fore lobe of the prothorax; ante-ocular part twice as long as the post-ocular; ocelliferous part gibbous. Eyes, scutellum, and spots of the connexivum and two rows of spots on the under side of the abdomen black. Eyes slightly prominent. First and second joints of the rostrum about equally long. Antennæ longer than the head and the prothorax together; first joint as long as the ante-ocular head; second longer than the first; third shorter than the first. Prothorax with a slight longitudinal furrow; fore lobe shorter than the hind lobe, which has a furrow on each side. Scutellum excavated; the two apical points moderately far apart. Abdomen yellow beneath. Furrow of the four anterior tibiæ oblong. Membrane cinereous. Length of the body 10 lines.

a. Amazon Region. Presented by W. W. Saunders, Esq.

Div. 2.

Mindarus, *Stal, Ofv. K. V. Ak. Forh.* xvi. 179.

81. Ectrichodia discus.

Ectrichotes discus, *Burm. Handb. Ent.* ii. 238—Mindarus discus, *Stal, Ofv. K. V. Ak. Forh.* xvi. 179.

Parà. Bahia.

82. Ectrichodia trux.

Mindarus trux, *Stal, Ofv. K. V. Ak. Forh.* xvi. 179.

Brazil.

83. Ectrichodia notata.

Mindarus notatus, *Stal, Ofv. K. V. Ak. Forh.* xvi. 180.

Caraccas.

84. Ectrichodia fraterna.

Mindarus fraternus, *Stal, Ofv. K. V. Ak. Forh.* xvi. 180.

Brazil.

85. Ectrichodia circumducta.

Ectrychotes tricolor? *H.-Sch. Wanz. Ins.* viii. 53, pl. 266, f. 823—Mindarus circumductus, *Stal, Ofv. K. V. Ak. Forh.* xvi. 180.

Brazil.

Div. 3.

Rhiginia, *Stal, Ofv. K. V. Ak. Forh.* xvi. 181.

86. Ectrichodia lateralis.

Reduvius lateralis, *St. Farg. et Serv. Enc. Méth. Ins.* x. 279—Rhiginia lateralis, *Stal, Ofv. K. V. Ak. Forh.* xvi. 181.

Brazil.

87. Ectrichodia crudelis (bis lectum).

Rhiginia crudelis, *Stal, Stett. Ent. Zeit.* xxiii. 455.

a. Mexico. From M. Hartweg's collection.
b, *c*. Mexico. From Mr. Argent's collection.

88. Ectrichodia Amazona.

Rhiginia amazona, *Stal, Ofv. K. V. Ak. Forh.* xxiii. 302.

Amazon Region.

89. Ectrichodia immarginata.

Rhiginia immarginata, *Stal, Ofv. K. V. Ak. Forh.* xxiii. 302.

Quito.

Div. 4.

Daraxa, *Stal, Ofv. K. V. Ak. Forh.* xvi. 181.

90. Ectrichodia basalis.

Daraxa basalis, *Stal, Ofv. K. V. Ak. Forh.* xvi. 181.

Surinam.

91. Ectrichodia geniculata.

Daraxa geniculata, *Stal, Ofv. K. V. Ak. Forh.* xvi. 181.

Bahia.

92. Ectrichodia nigripes.

Daraxa nigripes, *Stal, Ofv. K. V. Ak. Forh.* xvi. 182.

Monte Video.

Div. 5.

Racelda, *Sgnt. A. S. E. F.* 4*me Sér.* iii. 579.

93. Ectrichodia alternans.

Racelda alternans, *Sgnt. A. S. E. F.* 4*me Sér.* iii. 579, pl. 11, f. 6.

Chili.

Div. 6.

94. Ectrichodia media.

Mas. *Lutea, subtus nigro bivittata ; caput subtus, scutellum ventrisque macula magna subapicalis nigra ; caput ellipticum, prothoracis lobo antico multo longius ; prothorax nigro uniplagiatus ; pedes graciles, femoribus basi excepta tibiis tarsisque nigris ; alæ anticæ nigræ.*

Male. Luteous, fusiform, smooth, shining. Head beneath, eyes, rostrum, antennæ, scutellum, a broad stripe on each side of the pectus and of the ventral segments, a large subapical ventral spot, femora except towards the base, tibiæ, tarsi and fore wings black, the latter luteous at the base, and along half the length of the costa. Head elliptical, much longer than the fore lobe of the prothorax; ante-ocular part longer than the post-ocular; ocelliferous part convex. First joint of the rostrum a little shorter than the second, which is luteous towards its tip. Antennæ hairy, longer than the head and the prothorax together; first joint longer than the ante-ocular head; second longer than the first; third shorter than the first; fourth shorter than the third. Prothorax with a large black patch, and with a distinct longitudinal furrow; fore lobe shorter than the hind lobe, which has a slight longitudinal furrow on each side. Apical points of the scutellum not wide apart. Legs slender; furrow beneath the four anterior tibiæ elliptical. Length of the body 5 lines.

a. New Orleans. From M. Sallé's collection.

Div. 7.

95. Ectrichodia tibialis.

Fœm. *Nigra ; caput subellipticum, prothoracis lobo antico paullo longius ; antennarum articulus 1us basi albus ; prothorax trisulcatus ; connexivum albido maculatum ; venter fasciis tribus albidis abbreviatis ; pedes breviusculi, femoribus quatuor posterioribus basi albidis, tibiis albo unifasciatis ; corium basi luteo notatum.*

Female. Black, subfusiform, smooth, shining. Head subelliptical, a little longer than the fore lobe of the prothorax ; ante-ocular part as long as the post-ocular; ocelliferous part very convex. Eyes slightly prominent. First and second joints of the rostrum about equally long. First joint of the antennæ white towards the base, longer than the ante-ocular head ; second longer than the first. Prothorax with three well-defined longitudinal furrows ; fore lobe very little shorter than the hind lobe. Scutellum excavated, with two wide-apart apical points. Abdomen beneath with three dingy whitish abbreviated bands. Connexivum with whitish spots. Legs rather short and stout; four posterior femora whitish towards the base; tibiæ with a white band ; furrow of the four anterior tibiæ elliptical. Corium with a luteous mark at the base of the costa. Length of the body 5 lines.

a. Amazon Region. From Mr. Bates' collection.

Genus 2. POTHEA.

Pothea, *Serv. Hist. Hem.* 344. *Stal, Ofv. K. V. Ak. Forh.* xvi. 184.

A. Prothorax wholly red above. - - - - ventralis.
B. Prothorax partly yellow. - - - - frontalis.
C. Prothorax black, with three yellow streaks. - - reciproca.
D. Prothorax wholly black. - - - - centralis.

1. Pothea ventralis.

Reduvius ventralis, *St. Farg. et Serv. Enc. Méth.* x. 280—Pothea ventralis, *Serv. Hist. Hem.* 345.

Cayenne.

2. Pothea frontalis.

Reduvius frontalis, *St. Farg. et Serv. Enc. Méth.* x. 280—Pothea frontalis, *Serv. Hist. Hem.* 345.

Cayenne.

a. Amazon Region. From Mr. Bates' collection.

3. Pothea æneonitens.

æneonitens, *Stal, A. S. E. F.* 4*me Sér.* iv. 59.

North America.

4. Pothea lugens.

Reduvius lugens, *Fabr. Syst. Rhyn.* 269—Pothea lugens, *Stal, Hem. Fabr.* i. 119.

South America.

5. Pothea ænescens.

Ectrichodia lugens, *Stal, Rio Jan. Hem.* 72—Pothea ænescens, *Stal, Hem. Fabr.* i. 119.

Rio Janeiro.

6. Pothea dichroa.

dichroa, *Stal, A. S. E. F.* 4*me Sér.* iv. 59.

Brazil.

7. Pothea venosa.

venosa, *Stal, Ofv. K. V. Ak. Forh.* xvi. 185.

Brazil.

8. Pothea centralis.

Mas et fœm. *Nigra; abdomen luteum, nigro bivittatum; alæ anticæ atræ.* Var. β.—*Abdomen rufum, nigro bivittatum.* Var. γ.—Var. β. *similis; venter nigro fasciatus.* Var. δ.—*Venter niger, vitta nigra incisa valde abbreviata.*

Male and female. Black, smooth, shining, fusiform, excepting the head. Head elongate-fusiform, very slender; ante-ocular part a little

shorter than the post-ocular. Eyes slightly prominent. Antennæ hairy, longer than the head and the prothorax together; first joint longer than the ante-ocular head; second very much longer than the first; third and following joints shorter than the first. Prothorax with a slight and much-abbreviated longitudinal furrow; fore lobe semicircular, shorter than the hind lobe. Abdomen luteous, with a black stripe on each side above and beneath. Fore wings deep black. *Var.* β.—Abdomen red, with two black stripes. *Var.* γ.—Like *var.* β. Abdomen with black bands beneath. *Var.* δ. —Abdomen black beneath, except a luteous notched and much-abbreviated stripe. Length of the body 5½—6½ lines.

a. Columbia. From M. Goudot's collection.
b. Venezuela. From Mr. Dyson's collection.
c. Venezuela. From Mr. Birschell's collection.
d. Amazon Region. From Mr. Bates' collection.
e. Archidona. From Mr. Stevens' collection.

9. Pothea reciproca.

Fœm. *Nigra ; caput longi-fusiforme, luteo tristrigatum, prothoracis lobo antico multo longius ; connexivum et ventris discus lutea.*

Female. Black, smooth, shining, fusiform, excepting the head. Head elongate-fusiform, very much longer than the fore lobe of the prothorax; with three luteous streaks, one along the inner side of each eye, the third on the middle lobe and nearer the tip; ante-ocular part much shorter than the post-ocular. Eyes slightly prominent. Antennæ longer than the head and the prothorax together, inserted at a little in front of the eyes; first joint a little shorter than the ante-ocular head; second much longer than the first; third shorter than the second; fourth shorter than the third. Prothorax with a slight longitudinal furrow; lobes about equally long. Scutellum with two very short wide-apart apical points. Connexivum and disk of the under side of the abdomen luteous. Legs slender; furrow beneath the four anterior tibiæ very short. Length of the body 5 lines.

a. Brazil. Presented by W. W. Saunders, Esq.

Genus 3. CIMBUS.

Cimbus, *Hahn*, *Wanz. Ins.* i. 34. *Burm. Handb. Ent.* ii. 245. *Serv. Hist. Hem.* 385. *Stal, Ofv. K. V. Ak. Forh.* xvi. 185.

1. Cimbus productus.

productus, *Hahn*, *Wanz. Ins.* i. 34, pl. 6, f. 23. *Burm. Handb. Ent.* ii. 245. *Blanch. Hist. Nat. Ins.* iii. 108. *Serv. Hist. Hem.* 385, pl. 7, f. 6.

Java.

Div. 2.

Sphinctocoris, *Mayr*, *Verh. Zool. Bot. Ges. Wien.* xv. 440.

2. Cimbus corallinus.

Sphinctocoris corallinus, *Mahr*, *Verh. Zool. Bot. Ges. Wien.* xv. 440.
Sunda Isles.

Div. 3.

Labidocoris, *Mayr*, *Verh. Zool. Bot. Ges. Wien.* xv. 440.

3. Cimbus elegans.

Labidocoris elegans, *Mayr*, *Verh. Zool. Bot. Ges. Wien.* xv. 440.

Genus 4. HAMMATOCERUS.

Hammacerus, *De Lap. Hem.*—Hammatocerus, *Burm. Handb. Ent.* ii. 235. *Serv. Hist. Hem.* 345.

This genus is excluded from the Ectrichodidæ by Prof. Stal.

1. Hammatocerus purcis.

Cimex purcis, *Drury*, *Ins.* ii. 63, pl. 45, f. 4—Hammatocerus mycthimerus, *Illig. Burm. Handb. Ent.* ii. 236. *H.-Sch. Wanz. Ins.* vi. 104, pl. 215, f. 675—Hammatocerus purcis, *Blanch. Hist. Nat. Ins.* iii. 105. *Serv. Hist. Hem.* 346—Nabis purcis, *Say*, *Works ed. Leconte*, i. 358.

Georgia.

a. St. John's Bluff, East Florida. Presented by E. Doubleday, Esq.
b. Columbia. Presented by W. W. Saunders, Esq.
c. Columbia. From M. Jurgens' collection.
d, *e*. Columbia. From M. Goudot's collection.
f. Columbia. From Mr. Turner's collection.
h. Venezuela. From Mr. Birschell's collection.
i. Parà. From Mr. Bates' collection.
j. Peru. From M. Degand's collection.
k. ——— ? Presented by the Entomological Club.

2. Hammatocerus conspicillaris.

Cimex conspicillaris, *Drury*, *Ins.* iii. 64, pl. 45, f. 8—Hammacerus conspicillaris, *De Lap. Hem.* 79—Hammatocerus conspicillaris, *Burm. Handb. Ent.* ii. 236. *Blanch. Hist. Nat. Ins.* iii. 105. *Serv. Hist. Hem.* 346—purcis *var.* ?

Cayenne. Rio Janeiro.

a. Brazil. Presented by the Entomological Club.
b. Brazil. Presented by W. W. Saunders, Esq.
c. Brazil. From Mr. Vigors' collection.
d, *e*. Tejuca. Presented by J. Gray, Esq.

3. Hammatocerus luctuosus.

luctuosus, *Stal*, *Ofv. K. Vet. Ak. Forh.* 237; *Stett. Ent. Zeit.* xxiii. 445.
Mexico.

4. Hammatocerus cinctipes.

cinctipes, *Stal*, *Ofv. K. V. Ak. Forh.* xv. 443.
Columbia.

5. Hammatocerus Gayi.

Gayi, *Spin. Faun. Chil.* 211. *Sgnt. A. S. E. F.* 4*me Sér.* iii. 579—Chilensis, *Stal*, *Ofv. K. V. Ak. Forh.* xv. 443.
Chili.

6. Hammatocerus mixtus.

mixtus, *Costa*, *Ann. Mus. Zool. Nap.* ii. 80.
Cayenne?

7. Hammatocerus minutus.

minutus, *Mayr*, *Verh. Zool. Bot. Gesell. Wien.* xv. 439.

Fam. 5. APIOMERIDÆ.

Apiomeridæ, *Serv. Hist. Hem.* 350—Apiomerida et Ectinoderida, *Stal*, *Berl. Ent. Zeit.* iii. 328.

Genus 1. APIOMERUS.

Apiomerus, *Hahn*, *Wanz. Ins.*—Apiomerus et Herega, *Serv. Hist. Hem.* 351, 354.

North America.

1. Apiomerus crassipes.

——— *Stoll*, *Pun.* pl. 33, f. 235—Reduvius crassipes, *Fabr. Syst. Rhyn.* 273. *Say*, *Amer. Ent.* ii. pl. 31, f. 4; *Works ed. Leconte*, i. 355—Reduvius linitaris, *Say*, *New Harm. Ind.* 1831, 800; *Works ed. Leconte*, i. 355—Herega rubrolimbata, *Am. et Serv. Hist. Hem.* 354—Apiomerus crassipes, *Stal*, *Hem. Fabr.* i. 117.
Carolina.

Mexico.

2. Apiomerus subpiceus.

subpiceus, *Stal*, *Stett. Ent. Zeit.* xxiii. 455.
a, *b*. Oajaca. From M. Sallé's collection.
c. Mexico. Presented by W. W. Saunders, Esq.

3. Apiomerus mœstus.

mœstus, *Stal, Stett. Ent. Zeit.* xxiii. 455.

a. Oajaca. From M. Sallé's collection.
b. Orizaba. From M. Sallé's collection.

4. Apiomerus nigripes.

nigripes, *Stal, Rio Jan. Hem.* 73; *Stett. Ent. Zeit.* xxiii. 455.

Mexico. Rio Janeiro.

5. Apiomerus elatus.

elatus, *Stal, Stett. Ent. Zeit.* xxiii. 454.

a, *b*. Oajaca. From M. Sallé's collection.
c. Orizaba. From M. Sallé's collection.
d. Honduras. From Mr. Dyson's collection.
e. Guatemala. From M. Deby's collection.
f. Rio Janeiro. Presented by J. P. G. Smith, Esq.
g—*i*. Columbia. From M. Goudot's collection.
j. Brazil.

6. Apiomerus pictipes.

pictipes, *H.-Sch. Wanz. Ins.* viii. 75, pl. 273, f. 843—Herega pictipes, *Stal, Stett. Ent. Zeit.* xxiii. 455.

a, *b*. Amazon Region. Presented by W. W. Saunders, Esq.
c. Amazon Region. From Mr. Bates' collection.
d. Venezuela. From Mr. Birschell's collection.
e, *f*. Santarem. From Mr. Bates' collection.
g. Tapayos. From Mr. Bates' collection.
h, *i*. ———?

West Indies.

7. Apiomerus Burmeisteri.

Burmeisteri, *Guér. Sagra Hist. Cuba Ins.* 411.

Cuba.

South America.

A. Colour wholly black. - - - - - hirtipes.
B. Colour black, except the sides of the abdomen. - piciventris.
C. Colour wholly black, except the wings. - - lanipes.
D. Colour wholly black, except the tarsi. - - tarsalis.
E. Colour wholly black, except the legs and the sides of the abdomen.
a. Four anterior femora towards the tips and hind legs taway. - - - - - circummaculatus.
b. Legs black, except about the knees. - - - lateralis.
c. Four posterior legs luteous. - - - - pulchripes.

F. Colour wholly black, except the legs and the membrane. apicalis.
G. Head and prothorax black.
a. Veins at the base of the membrane pale. - - geniculatus.
b. Corium with testaceous speckles. - - - lanipes.
c. Corium yellowish. - - - - - ochropterus.
d. Corium bright red.
* Membrane black.
† Fore femora black. - - - - - dotatus.
†† Fore femora red. - - - - - decorus.
** Membrane with white streaks. - - - discistriga.
e. Corium with a white mark on the veins. - - lituratus.
f. Corium with a pale dot. - - - - bipunctatus.
H. Prothorax not wholly black.
a. Prothorax luteous.
* Corium black. - - - - - lobatus.
** Corium luteous towards the base.
† Pale hue of the corium oblique at the tip. - - xanthophilus.
†† Pale hue of the corium directly truncate at the tip. - tripartitus.
b. Fore lobe of the prothorax black; hind lobe luteous.
* Four posterior femora black. - - - - pilipes.
** Four posterior femora pale.
† Knees black. - - - - - rufipes.
†† Knees not black. - - - - - nigrimanus.
c. Prothorax red. - - - - - erythromelas.
* Tibiæ mostly luteous.
** Tibiæ black. - - - - - - nitidus.

8. Apiomerus hirtipes.

———, *Stoll, Pun.* 57, pl. 13, f. 90—Reduvius hirtipes, *Fabr. Syst. Rhyn.* 274—Apiomerus hirtipes, *Hahn, Wanz. Ins.* i. 29, pl. 4, f. 19. *Burm. Handb. Ent.* ii. 231. *Blanch. Hist. Nat. Ins.* iii. 103. *Serv. Hist. Hem.* 351.

a. Rio Janeiro. Presented by the Rev. H. Clark.
b. Tejuca. Presented by J. Gray, Esq.
c. Brazil.
d. Venezuela. From Mr. Dyson's collection.
e. Amazon Region.

9. Apiomerus lanipes.

Reduvius lanipes, *Fabr. Syst. Rhyn.* 274. *St. Farg. et Serv. Enc. Meth.* x. 276—Apiomerus lanipes, *Ann. et Serv. Hist. Hem.* 352. *Stal, Hem. Fabr.* i. 117.

a. Columbia. From M. Goudot's collection.
b. Columbia. Presented by W. W. Saunders, Esq.
c—e. Brazil.
f. Cayenne. Presented by W. W. Saunders, Esq.
g. Venezuela. From Mr. Dyson's collection.
h. Venezuela. From Mr. Birschell's collection.

10. Apiomerus pilipes.

Reduvius pilipes, *Fabr. Mant. Ins.* ii. 309; *Ent. Syst.* iv. 195; *Syst. Rhyn.* 268—Apiomerus pilipes, *Burm. Handb. Ent.* ii. 231. *Blanch. Hist. Nat. Ins.* iii. 103. *Serv. Hist. Hem.* 352.

Cayenne.

Var. β. Legs black; fore femora reddish towards the base.

a. Brazil.
b. Rio Janeiro. Presented by J. P. G. Smith, Esq.
c. Villa Nova. From Mr. Bates' collection.

Var. γ. Legs black; femora luteous towards the tips; tibiæ luteous at the base.

Var. γ. Like *Var.* β. Fore femora luteous towards the base.

f. Columbia. From M. Goudot's collection.

Var. δ. Like *Var.* γ. Fore femora wholly luteous.

g. Amazon Region. From Mr. Bates' collection.
h. Para. Presented by G. Graham, Esq.

A. nigricollis, guttatovenosus and rufipes of Stal seem to be all very nearly allied to this species.

11. Apiomerus rufipes.

rufipes, *Stal, Rio Jan. Hem.* 73.

Rio Janeiro.

12. Apiomerus geniculatus.

geniculatus, *Stal, Rio Jan. Hem.* 73.

Rio Janeiro.

13. Apiomerus circummaculatus.

circummaculatus, *Stal, Rio Jan. Hem.* 73.

Rio Janeiro.

14. Apiomerus apicalis.

apicalis, *Klug, Burm. Handb. Ent.* ii. 232.

Para.

15. Apiomerus ochropterus.

flavipennis, *Stal, Ofv. K. V. Ak. Forh.* xii. 188—ochropterus, *Stal, Ofv. K. V. Ak. Forh.* xxiii. 249.

Columbia.

16. Apiomerus lanius.

lanius, *Stal, Ofv. K. V. Ak. Forh.* xii. 188; xxiii. 249.

Minas Geraes.

17. Apiomerus nigricollis.

nigricollis, *Stal, Rio Jan. Hem.* 72.

Rio Janeiro.

18. Apiomerus guttatovenosus.

guttatovenosus, *Stal, Rio Jan. Hem.* 74.

Rio Janeiro.

19. Apiomerus bipunctatus.

Mas. *Ater; scutellum albo fasciatum; pectus albo maculatum; femora quatuor posteriora apice albido fulva; tibiæ quatuor posteriores basi albidæ; corium luteo uniguttatum.*

Male. Deep black, fusiform, with the usual structure. Third joint of the antennæ more than twice as long as the first. Scutellum with a silky white band. Pectus with silky white spots on each side. Legs hairy; four posterior femora with whitish tawny tips; four posterior tibiæ whitish at the base. Fore wings extending beyond the tip of the abdomen; a luteous dot on the corium near the exterior angle. Length of the body 7—8 lines.

a, *b*. Tapayos. From Mr. Bates' collection.
c. Santarem. From Mr. Bates' collection.

20. Apiomerus nitidus.

Mas. *Rufus; caput, femora dimidio basali, tibiæ, tarsi membranaque atra; prothoracis lobus anticus flavescens.*

Male. Red, fusiform, smooth, shining. Head, eyes, rostrum, antennæ, femora for half the length from the tips, tibiæ, tarsi and membrane deep black. Head fusiform, much longer than the fore lobe of the prothorax; ante-ocular part shorter than the post-ocular. First joint of the rostrum about as long as the second. First joint of the antennæ very short; second much longer than the second and third together. Fore lobe of the prothorax yellowish, hardly half as long as the hind lobe. Legs slender, slightly hairy. Fore wings hardly extending beyond the tip of the abdomen. Length of the body 6½ lines.

a. ——— ? Presented by W. W. Saunders, Esq.

21. Apiomerus erythromelas.

Mas. *Rufus; caput, scutellum, abdomen, corium apice membranaque atra; tibiæ anticæ et posticæ nigræ, basi rufæ; tarsi nigri.*

Male. Bright red, fusiform, smooth, shining. Head, rostrum, antennæ, scutellum, abdomen, corium at the tip and membrane deep black. Third joint of the antennæ nearly twice as long as the second. Fore lobe of the prothorax about half as long as the hind lobe. Abdomen hairy

Legs stout, slightly hairy. Fore tibiæ and hind tibiæ black, red towards the base; tarsi black. Fore wings extending somewhat beyond the tip of the abdomen. Length of the body 8 lines.

a. Amazon Region. From Mr. Bates' collection.

22. Apiomerus xanthophilus.

Mas. *Luteus; caput, tibiæ, tarsi membranaque nigra; scutellum albo bimaculatum; femora subtuberculata, fusco bifasciata.*

Male. Luteous, fusiform, smooth, shining, with the usual structure. Head, eyes, rostrum, tibiæ, tarsi and membrane black. Head about twice as long as the fore lobe of the prothorax; fore lobe half as long as the hind lobe. Scutellum with a silky white spot on each side. Femora slightly tuberculate, with two brown bands; tibiæ hairy. Fore wings extending beyond the tip of the abdomen. Length of the body 10 lines.

a. Amazon Region. From Mr. Bates' collection.

23. Apiomerus lituratus.

Fœm. *Ater; prothorax trisulcatus; femora apice, tibiæ anticæ basi tibiæque quatuor posteriores lutea; tibiæ intermediæ nigro unifasciatæ; corii venæ ex parte albidæ.*

Female. Deep black, fusiform, shining. Head fusiform, very much longer than the fore lobe of the prothorax, which is deeply furrowed in the middle and on each side. Legs hairy; femora luteous at the tips; fore tibiæ luteous at the base; four posterior tibiæ luteous; middle tibiæ with a black band. Veins of the corium partly whitish, forming a zigzag figure. Length of the body 12 lines.

a. Amazon Region. From Mr. Bates' collection.

24. Apiomerus lateralis.

Mas. *Ater; abdomen plagis lateralibus apiceque rufis; femora apice tibiæque basi rufa.*

Male. Deep black, fusiform, shining, with the usual structure. Second joint of the antennæ less than half the length of the third. Abdomen with red patches along each side; tip and the two apical lobes red. Legs hairy; femora red at the tips; tibiæ red at the base. Fore wings extending beyond the tip of the abdomen. Length of the body 10 lines.

a, *b*. Para. From Mr. Bates' collection.
c. Brazil. Presented by W. W. Saunders, Esq.

25. Apiomerus decorus.

Fœm. *Ater; scutellum album; pectus, abdomen et pedes rufo; tibiæ nigræ, basi rufæ; tibiæ posticæ dimidio basali tarsique nigra; corium rufum.*

Female. Deep black, fusiform, smooth, shining, slightly hairy. Second joint of the antennæ full half as long as the third. Scutellum snowy white. Pectus and abdomen red. Legs red, stout, hairy; fore

tibiæ black, red towards the base; hind tibiæ black for half the length from the tips; tarsi black. Corium very bright red. Length of the body 7½ lines.

a. Amazon Region. From Mr. Bates' collection.

26. Apiomerus pulchripes.

Mas et fœm. *Ater; pedes quatuor anteriores rufi, femoribus basi coxisque nigris; venter rufus, disco nonnunquam plus minusve nigricante.*

Male and female. Deep black, fusiform, smooth, shining. Head fusiform, much longer than the fore lobe of the prothorax; ante-ocular part a little shorter than the post-ocular. Third joint of the antennæ very much longer than the second. Prothorax with a slight longitudinal furrow; fore lobe about half as long as the hind lobe. Four posterior legs red, excepting the coxæ and the base of the femora. Four anterior tibiæ subclavate. Abdomen red beneath, the disk occasionally more or less black. Fore wings not shining. Length of the body 9—10 lines.

a. Para. From Mr. Bates' collection.
b. Tapayos. From Mr. Bates' collection.
c. Amazon Region. Presented by W. W. Saunders, Esq.

27. Apiomerus tarsalis.

Mas et fœm. *Ater; venter sordide testaceus; femora apice testaceo fasciata; tibiæ basi testaceo fasciatæ; tarsi testacei; membrana obscure fusca.*

Male and female. Deep black, elliptical. Abdomen dingy testaceous beneath. Legs hairy; femora with a testaceous apical band; tibiæ with a testaceous basal band; tarsi testaceous. Membrane and hind wings dark brown. Length of the body 5—6 lines.

a. Brazil. Presented by the Entomological Club.
b. Para. Presented by W. W. Saunders, Esq.
c, *d*. Ega. From Mr. Bates' collection.

28. Apiomerus subapicalis.

Mas et fœm. *Ater; ventris latera basi lutea; femora et tibiæ testaceo unifasciata; tarsi testacei; membrana obscure fusca; femora antica rufa; membranæ dimidium apicale album.* Mas.—*Femora quatuor posteriora rufa, apice nigra.*

Male and female. Deep black, fusiform. Head fusiform, much longer than the fore lobe of the prothorax, which is deeply furrowed in the middle and on each side. Abdomen luteous beneath on each side towards the base; sides notched between the segments. Legs hairy; fore coxæ, fore trochanters and fore femora red. Apical half of the membrane white. *Male.*—Four posterior femora red; tips black. Length of the body 8 lines.

a. Tapayos. From Mr. Bates' collection.
b, *c*. Amazon Region. Presented by W. W. Saunders, Esq.
d. British Guiana. Presented by Sir R. Schomburgk.

Div. 2.

Sphodrolestes, *Stal, Ofv. K. V. Ak. Forh.* xxiii. 249.

29. Apiomerus vittaticollis.

Sphodrolestes vittaticollis, *Stal, Ofv. K. V. Ak. Forh.* xxiii. 249.

North Brazil.

Div. 3.

Calliclopius, *Stal, Hem Fabr.* i. 114.

30. Apiomerus nigripes.

———, *Stoll, Pun.* f. 86—Cimex nigripes, *Linn. Syst. Nat.* i. 2, 730—Cimex hirtipes, *Deg. Ins.* iii. 344, pl. 35, f. 1—3—Reduvius crinipes, *Fabr. Syst. Rhyn.* 273—Zelus longimanus, *Fabr. Syst. Rhyn.* 282, 56, pl. 13—Calliclopius nigripes, *Stal, Hem. Fabr.* i. 115.

Surinam.

a. Villa Nova. Presented by W. W. Saunders, Esq.
b, c. Villa Nova. From Mr. Bates' collection.

Genus 2. BEHARUS.

Beharus, *Serv. Hist. Hem.* 352.

1. Beharus lunatus.

———, *Stoll, Pun.* 57, pl. 13, f. 91—Reduvius lunatus, *Fabr. Syst. Rhyn.* 274. *St. Farg. et Serv. Enc.* x. 276—Apiomerus lunatus, *Burm. Handb. Ent.* ii. 232.

Cayenne.

a—c. ———?

2. Beharus cylindripes.

Reduvius cylindripes, *Fabr. Syst. Rhyn.* 275—Apiomerus cylindripes, *Burm. Handb. Ent.* ii. 231—Beharus cylindripes, *Stal, Hem. Fabr.* i. 113.

South America.

Div. 2.

Manicocoris, *Stal, Ofv. Vet. Ak. Forh.* xxiii. 247.

3. Beharus rufipes.

Reduvius rufipes, *Fabr. Mant. Ins.* ii. 309; *Ent. Syst.* iv. 197; *Syst. Rhyn.* 270—Reduvius lunatus, *Fabr. Syst. Rhyn.* 274—Apiomerus (Beharus) lunatus, *Erich. Schomb. Reise, Brit. Guiana*, iii. 613—Apiomerus capucinus, *H.-Sch. Wanz. Ins.* viii. 76, pl. 274, f. 846—Manicocoris rufipes, *Stal, Hem. Fabr.* i. 114.

Cayenne.

a—f. ———?

Genus 3. TRICHOSCELIS.

Trichoscelis, *Serv. Hist. Hem.* 353.

1. Trichoscelis rufipes.

Reduvius rufipes, *Fabr. Ent. Syst.* iv. 197; *Syst. Rhyn.* 270.

Cayenne.

2. Trichoscelis flavicans.

Reduvius flavicans, *Fabr. Ent. Syst. Suppl.* 544; *Syst. Rhyn.* 269—Reduvius serripes, *Fabr. Syst. Rhyn.* 273—Reduvius Stollii, *Lapp. et Serv. Enc. Meth.* x. 276—Apiomerus Stollii, *Burm. Handb. Ent.* ii. 232—Trichoscelis Stollii, *Serv. Hist. Hem.* 353—Heniartes flavicans, *Stal, Hem. Fabr.* i. 116.

Cayenne.

Div. 2.

Agriocoris, *Stal, Ofv. K. Vet. Ak. Forh.* xxiii. 247.

4. Trichoscelis alboconspersus.

Harpactor albosparsus, *Stal, Ofv. K. V. Ak. Forh.* xi. 238—Agriocoris alboconspersus, *Stal, Ofv. K. V. Ak. Forh.* xxiii. 248.

Minas Geraes.

5. Trichoscelis productus.

Heniartes productus, *Stal, Ofv. K. V. Ak. Forh.* xxiii. 248.

North Brazil.

6. Trichoscelis flavipes.

Reduvius flavipes, *Fabr. Syst. Rhyn.* 277—Agriocoris flavipes, *Stal, Hem. Fabr.* i. 115.

South America.

Genus 4. MICRAUCHENIA.

Micrauchenia, *Serv. Hist. Hem.* 352.

1. Micrauchenia lineola.

Reduvius lineola, *Fabr. Ent. Syst.* iv. 201; *Syst. Rhyn.* 276—Reduvius morbillosus, *Fabr. Syst. Rhyn.* 275—Apiomerus morbillosus, *Burm. Handb. Ent.* ii. 231. *H.-Sch. Wanz. Ins.* vi. 104, pl. 215, f. 674—Micrauchenia lineola, *Serv. Hist. Hem.* 354. *Stal, Hem. Fabr.* i. 113.

a. Ega. From Mr. Bates' collection.
b, *c*. Santarem. From Mr. Bates' collection.
d. Tapayos. From Mr. Bates' collection.
e, *f*. ——— ?

Genus 5. PONEROBIA.

Ponerobia, *Serv. Hist. Hem.* 354.

1. Ponerobia bipustulata.

———, *Stoll, Pun.* 141, pl. 36, f. 256—Reduvius bipustulatus, *Fabr. Sp. Ins.* ii. 379; *Mant. Ins.* ii. 310; *Ent. Syst.* iv. 197; *Syst. Rhyn.* 270—Apiomerus cylindripes, *Burm. Handb. Ent.* ii. 1, 231—Ponerobia rubionotata, *Serv. Hist. Hem.* 354—Ponerobia bipustulata, *Stal, Hem. Fabr.* i. 113.

South America.

Genus 6. ECTINODERUS.

Ectinoderus, *Westw, Ann. Nat. Hist.* ii. 466—Pristhevarma, *Serv. Hist. Hem.* 355.

1. Ectinoderus Philippinensis.

Ectinoderus Philippinensis, *Westw. Trans. Ent. Soc. Lond.* iv. 121—Pristhevarma bipunctata, *Serv. Hist. Hem.* 355.

Java.

a, *b*. Philippine Isles.

2. Ectinoderus longimanus.

Ectinoderus longimanus, *Westw. Trans. Ent. Soc. Lond.* iv. 121, pl. 7, f. 4.

Singapore?

3. Ectinoderus quadripunctatus.

quadripunctatus, *Stal, Ofv. K. V. Ak. Forh.* xvi. 377.

Philippine Isles.

Fam. 6. HARPACTORIDÆ.

Harpactoridæ, *Serv. Hist. Hem.* 355—Reduviida, *Stal, Berl. Ent. Zeit.* iii. 328; *Hem. Afr.* iii. 46—Hezida, p., *Stal, Berl. Ent. Zeit.* iii. 328.

Genus 1. CIDORIA.

Cidoria, *Serv. Hist. Hem.* 356.

1. Cidoria flava.

flava, *Serv. Hist. Hem.* 356, pl. 12. f. 15.

a. Amazon Region. From Mr. Bates' collection.

Genus 2. PRIONOTUS.

Prionotus, *De Lap. Hem.* 8. *Serv. Hist. Hem.* 356.

A Tips of fore femora pale.
a. Tips of four posterior femora dark.
* Abdomen much beyond the fore wings on each side. - serratus.
** Abdomen hardly beyond the fore wings on each side. mundus.
b. Tips of four posterior femora pale. - - - xanthopus.
B. Tips of fore femora dark.
a. Lateral spines of the hind lobe of the prothorax directed outward. - - - - - - novenarius.
b. Lateral spines of the hind lobe of the prothorax directed hindward. - - - - - patulus.

1. Prionotus cristatus.

———, *Stoll, Pun.* 12, pl. 1, f. 6—Cimex cristatus, *Linn. Amœn.* vi. 399—Cimex carinatus, *Drury, Ins.* ii. 68, pl. 36, f. 6—Reduvius serratus, *Fabr. Syst. Rhyn.* 266. *St. Farg. et Serv. Enc.* x. 277, pl. 124, f. 31—Arilus serratus, *Hahn, Wanz. Ins.* i. 33, pl. 6, f. 22. *Burm. Handb. Ent.* ii. 228—Zelus serratus, *Blanch. Hist. Nat. Ins.* iii. 102. (Prionotus serratus) *Hem.* pl. 2, f. 2—Prionotus cristatus, *Serv. Hist. Hem.* 357.

a. Tejuca. Presented by Mrs. R. Bennett.
b. Rio Janeiro. Presented by J. Gray, Esq.
c. Brazil. Presented by W. W. Saunders, Esq.
d, e. Brazil.

2. Prionotus novenarius.

Reduvius novenarius, *Say, Works ed. Leconte*, i. 71—Nabis novenarius, *Say, Works ed. Leconte*, i. 353.

a. Canada. Presented by Dr. Barnston.
b, c. United States. Presented by W. W. Saunders, Esq.
d, e. United States. Presented by F. Walker, Esq.

3. Prionotus stramineus.

Arilus stramineus, *H.-Sch. Wanz.* vi. 92, pl. 210, f. 663.

South America?

4. Prionotus depressicollis.

depressicollis, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 196.

Mexico.

5. Prionotus patulus.

Fœm. *Niger, cinereo tomentosus; antennæ piceæ; corium ferrugineum; membrana cinereo-fusca.*

Female. Black, with cinereous tomentum, excepting the dorsal disk of the abdomen. Head with a porrect spine on each side behind the antennæ. First joint of the rostrum much shorter than the second. Antennæ piceous. Prothorax with the prominent spine on each side of the hind lobe of the prothorax inclined hindward; crest composed of ten rounded spines. Abdomen rounded and dilated on each side. Legs wholly black. Fore wings ferruginous; membrane and hind wings cinereous-brown. Length of the body 16 lines.

a. Guatemala. From M. Deby's collection.

6. Prionotus mundus.

Mas. *Niger, cinereo tomentosus; antennæ rufæ; femora quatuor posteriora ferruginea, apice picea; tibiæ tarsique fulva; corium ferrugineum; membrana ænea.*

Male. Black, elongate-fusiform excepting the head, with cinereous tomentum. Head subcylindrical, with a porrect spine on each side behind the antennæ. First joint of the rostrum much longer than the second. Antennæ red. Hind lobe of the prothorax slightly dentate on each side; crest composed of twelve rounded teeth, of which the sixth is very small. Abdomen extending very little on each side beyond the fore wings. Tibiæ and tarsi tawny. Four posterior femora ferruginous; tips piceous. Corium ferruginous. Membrane æneous. Length of the body 12 lines.

a. Venezuela. From Mr. Birschell's collection.

7. Prionotus xanthopus.

Mas. *Niger, cinereo tomentosus; caput antice rufum; antennæ dimidio basali rufæ; prothoracis lobus posticus rufescens; tibiæ, tarsi, femora apice, femora antica basi coxaque anticæ lutea; corium ferrugineum; membrana viridi nigra.*

Male. Black, elongate-subfusiform excepting the head, with cinereous tomentum. Head cylindrical, red in front of the antennæ, behind each of which there is a short porrect spine. Rostrum red; first joint much longer than the second. Antennæ red along half the length from the base. Hind lobe of the prothorax reddish; crest composed of eleven black rounded teeth. Abdomen reflexed and extending rather beyond the fore wings on each side. Tibiæ, tarsi, femora at the tips, fore femora at the base and fore coxæ luteous. Corium ferruginous. Membrane greenish black. Length of the body 12 lines.

a. Amazon Region. From Mr. Bates' collection.

Genus 3. YOLINUS.

Yolinus, *Serv. Hist. Hem.* 358. *Dohrn, Ent. Zeit. Stett.* xx. 94.

1. Yolinus sufflatus.

sufflatus, *Serv. Hist. Hem.* 358, pl. 6, f. 9. *Dohrn, Stett. Ent. Zeit.* xx. 95.

Java.

a. Sarawak. Presented by W. W. Saunders, Esq.

2. Yolinus baro.

baro, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 32.

a. Cambodia. From M. Mouhot's collection.

3. Yolinus ineptus.

ineptus, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 33.

Siam.

a. Cambodia. Presented by W. W. Saunders, Esq.
b, *c*. Cambodia. From M. Mouhot's collection.

4. Yolinus ampliventris.

ampliventris, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 32.

a. Tondano. Presented by W. W. Saunders, Esq.

5. Yolinus Glagoviæ.

Glagoviæ, *Dohrn*, *Stett. Ent. Zeit.* xx. 95.

Celebes.

6. Yolinus rubrifer.

Mas. *Niger; antennæ apices versus ferrugineæ, articulo* 1*o rufo-bifasciato*, 2*o luteo-unifasciato; prothoracis lobus posticus cano tomentosus; abdominis lobi laterales ex parte rufi; tibiæ apices versus tarsique lutea.*

Male. Black. Antennæ ferruginous towards the tips; first joint with two red bands; second with a luteous band. Hind lobe of the prothorax with hoary tomentum. Abdomen not notched between the five foliaceous lobes on each side; of these the third, fourth and fifth and part of the second are red and semihyaline. Tibiæ towards the tips and tarsi lutcous, the latter piceous at the tips. Length of the body 10½ lines.

It may be distinguished from Y. Glagoviæ by the red hue on both surfaces of the sides of the abdomen, and by the wholly black femora.

a, *b*. Celebes. Presented by W. W. Saunders, Esq.

7. Yolinus albigutta.

Mas. *Luteus; scutellum, abdomen, pedes et corium nigra, hoc albo bimaculatum; coxæ fulvæ; femora antica ferruginea; membrana fusca.*

Male. Luteous, fusiform, excepting the head. Head much shorter than the prothorax; ante-ocular part a little shorter than the post-ocular. First joint of the rostrum much shorter than the second. Fore lobe of the prothorax very much shorter than the hind lobe, slightly tuberculate on each side of the longitudinal furrow. Hind lobe with rounded and slightly prominent side angles. Scutellum, abdomen, legs and fore wings black. Abdomen foliaceous and elevated on each side, where it appears a little

beyond the fore wings. Coxæ tawny. Fore femora ferruginous. Tibiæ with short hairs. Corium with a snow-white spot on each side near the tip. Membrane brown. Length of the body 7 lines.

a. Cambodia. Presented by W. W. Saunders, Esq.

8. Yolinus horrendus.

Mas. *Testaceus; caput antice nigrum; antennæ nigræ, articulo 1o albo-bifasciato; venter niger, basi apice et connexivo testaceis, lateribus albo guttatis; femora quatuor anteriora nigricantia, basi apiceque testacea; femora postica nigro bifasciata; tibiæ apices versus tarsique nigra; corium piceum; membrana cyanea.*

Male. Testaceous, elongate-fusiform, excepting the head. Head excepting the postocular part hindward, rostrum and antennæ black. Head as long as the prothorax; ante-ocular part lanceolate, somewhat shorter than the post-ocular. First joint of the rostrum hardly half as long as the second. Antennæ very slender; first joint as long as the head, with two white bands; second a little more than half as long as the first; third very much longer than the first. Fore lobe of the prothorax more convex than the hind lobe and hardly half as long. Abdomen beneath black, excepting the base, the tip and the connexivum; a row of white ventral dots on each side; connexivum with foliaceous and elevated segments. Legs pubescent; four anterior femora blackish in the middle part; hind femora with two black bands; tibiæ towards the tips and tarsi black. Corium piceous. Membrane blue. Length of the body 13 lines.

a. Sarawak. Presented by W. W. Saunders, Esq.

9. Yolinus Siamicus.

Fœm. *Niger; antennarum articulus 1us luteo bifasciatus; membrana nigricans.*

Female. Black. Head longer than the prothorax; ante-ocular part elongate-conical, much shorter than the post-ocular. First joint of the antennæ with two luteous bands. Fore lobe of the prothorax with a longitudinal furrow on the hind part, more convex than the hind lobe and about half as long. Abdomen on each side much elevated and dilated, and with foliaceous lobes. Femora slightly tuberculated. Fore wings extending beyond the tip of the abdomen. Membrane and hind wings blackish; veins black. Length of the body 9 lines.

a. Siam. Presented by W. W. Saunders, Esq.

Genus 4. EULYES.

Eulyes, *Serv. Hist. Hem.* 359. *Dohrn, Ent. Zeit. Stett.* xx. 93.

1. Eulyes amœna.

amœna, *Serv. Hist. Hem.* 359, pl. 6, f. 10. *Dohrn, Stett. Ent. Zeit.* xx. 93—Reduvius amœnus, *Guér. Icon. R. Anim.* 350, pl. 56, f. 17—Arilus amœnus, *H.-Sch. Wanz. Ins.* vi. 91, pl. 210, f. 662.

a. Java. From Mr. Melly's collection.
b, *c*. Java. Presented by J. C. Bowring, Esq.
d. Java. Presented by J. Wilson, Esq.
e. Mount Ophir. Presented by W. W. Saunders, Esq.

2. Eulyes illustris.

illustris, *Stal, A. S. E. F.* 4*me Sér.* iii. 72.

a. Philippine Isles. From Mr. Cuming's collection.

3. Eulyes Dohrni.

Dohrni, *Sgnt. A. S. E. F.* 4*me Sér.* ii. 126.

Cochin China.

4. Eulyes Dohrni (bis lectum).

Dohrni, *Stal, A. S. E. F.* 4*me Sér.* iii. 32.]

Deccan. Shanghai.

5. Eulyes melanoptera.

melanoptera, *Dohrn, Ent. Zeit. Stett.* xx. 94.

a. Philippine Isles. From Mr. Cuming's collection.

6. Eulyes preciosa.

preciosa, *Dohrn, Ent. Zeit. Stett.* xx. 94.

This may be a variety of E. amœna.

Java.

a. Sarawak. From Mr. Wallace's collection.

Genus 5. SYCANUS.

Sycanus, *Serv. Hist. Hem.* 360. *Dohrn, Ent. Zeit. Stett.* xx. 96.

1. Sycanus collaris.

———, *Stoll, Pun.* 152, 163, pl. 38, f. 275; pl. 41, f. 295—Reduvius collaris, *Fabr. Ent. Syst.* iv. 202—Zelus collaris, *Fabr. Syst. Rhyn.* 285—Reduvius longicollis, *St. Farg. et Serv. Enc.* x. 278—Arilus collaris, *Burm. Handb. Ent.* ii. 360. *H.-Sch. Wanz. Ins.* viii. 37, pl. 263, f. 813—Sycanus collaris, *Serv. Hist. Hem.* 360. *Dohrn, Ent. Zeit. Stett.* xx. 98.

Java.

a, *b*. China. Presented by Major-Gen. Hardwicke.
c. China. Presented by M. Serville.
d. China. Presented by G. T. Lay, Esq.
e, *f*. Hong Kong. Presented by J. C. Bowring, Esq.
h. Siam. Presented by W. W. Saunders, Esq.
i, *j*. Singapore. Presented by W. W. Saunders, Esq.
k, *l*. Malacca. Presented by W. W. Saunders, Esq.

m. Sarawak. Presented by W. W. Saunders, Esq.
n. Hindostan. Presented by J. C. Bowring, Esq.
o. Tenasserim. Presented by J. C. D. V. Packman, Esq.
p. Penang. Presented by J. C. Bowring, Esq.
q. Ceylon. From Major Parry's collection.

2. Sycanus bifidus.

Reduvius bifidus, *Fabr. Ent. Syst.* iv. 204—Cimex bifidus, *Donov. Ins. China*, 50, pl. 21, f. 5—Zelus bifidus, *Fabr. Syst. Rhyn.* 285—Sycanus bifidus, *Dohrn*, *Ent. Zeit.* xx. 97. *Stal*, *Hem. Fabr.* i. 110.

a. China. Presented by M. Serville.

3. Sycanus versicolor.

versicolor, *Dohrn*, *Stett. Ent. Zeit.* xx. 96.

Bengal.

4. Sycanus Stali.

Stali, *Dohrn*, *Stett. Ent. Zeit.* xx. 96—generosus, *Stal*, *A. S. E. F.* 4*me Sér.* iv. 58.

a. Philippine Isles. From Mr. Cuming's collection.

5. Sycanus croceovittatus.

croceovittatus, *Dohrn*, *Stett. Ent. Zeit.* xx. 97.

a. China. Presented by G. T. Lay, Esq.
b. China. Presented by J. C. Bowring, Esq.
c. Hindostan. From Archdeacon Clark's collection.

6. Sycanus reclinatus.

reclinatus, *Dohrn*, *Stett. Ent. Zeit.* xx. 98.

Ceylon.

7. Sycanus annulicornis.

annulicornis, *Dohrn*, *Stett. Ent. Zeit.* xx. 98.

Java.

8. Sycanus fulvicornis.

fulvicornis, *Dohrn*, *Stett. Ent. Zeit.* xx. 99.

a. Philippine Isles. From Mr. Cuming's collection.

9. Sycanus marginiventris.

marginiventris, *Dohrn*, *Stett. Ent. Zeit.* xx. 99.

Manilla.

10. Sycanus fuscirostris.

fuscirostris, *Dohrn*, *Stett. Ent. Zeit.* xx. 99.
China.

11. Sycanus cardinalis.

cardinalis, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 34.
a. Philippine Isles. From Mr. Cuming's collection.

12. Sycanus Falleni.

Falleni, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 34.
Cambodia.

13. Sycanus villicus.

villicus, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 34.
Birmah.
a. Cambodia. Presented by W. W. Saunders, Esq.
b. Cambodia. From M. Mouhot's collection.

14. Sycanus pyrrholomus.

pyrrholomus, *Stal*, *A. S. E. F.* 4*me Sér.* iv. 58.
Philippine Isles.

15. Sycanus blennus.

blennus, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 35.
a. Celebes. Presented by W. W. Saunders, Esq.

16. Sycanus indagator.

indagator, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 75.
Hindostan.

17. Sycanus Semperi.

Semperi, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 681.
Philippine Isles.

18. Sycanus gibber.

gibber, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 682.
Philippine Isles.

19. Sycanus cincticornis.

cincticornis, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 682.
Philippine Isles.

20. Sycanus annulosus.

annulosus, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 682.

Philippine Isles

21. Sycanus atrocæruleus.

atrocæruleus, *Sgnt. A. S. E. F.* 4*me Sér.* ii. 126.

Cochin China.

22. Sycanus tricolor.

tricolor, *Mayr*, *Verh. Zool. Bot. Gesell. Wien.* xv. 436.

Java.

23. Sycanus harpactoides.

harpactoides, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 964. *Stal*, *Hem. Afr.* iii. 72.

Madagascar.

Div. 2.

Phemius, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 200.

24. Sycanus tibialis.

Reduvius tibialis, *Westw. Proc. Zool. Soc.* v. 130—Phemius tuberculiger, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 200—Phemius consobrinus, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 33—Phemius tibialis, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 683.

a—d. Philippine Isles. From Mr. Cuming's collection.
e. Philippine Isles. Presented by J. C. Bowring, Esq.

25. Sycanus rubripennis.

Phemius rubripennis, *Mayr*, *Verh. Zool. Bot. Gesell. Wien.* xv. 437.

Philippine Isles.

Div. 3.

Parsialus, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 33.

26. Sycanus depressus.

Parsialus depressus, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 34.

a. Hindostan. From Mr. Stevens' collection.

Div. 4.

Arcesius, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 35.

27. Sycanus severus.

Arcesius severus, *A. S. E. F.* 4*me Sér.* iii. 36.

a. Batchian. From Mr. Wallace's collection.

28. Sycanus lurco.

Arcesius lurco, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 36.

Wagiou.

29. Sycanus angulifer.

Fœm. *Niger; rostrum apicem versus rufum; antennarum articulus 1us rufus, apice niger; scutelli spina furcata; connexivum valde dilatatum; corium rufo subfasciatum; membrana fusca.*

Female. Black. Head much longer than the prothorax; ante-ocular part lanceolate, much shorter than the post-ocular. Rostrum red towards the tip. First joint of the antennæ red, black at the tip. Fore lobe of the prothorax with three furrows, more convex than the hind lobe and less than half as long; hind lobe very finely punctured. Scutellum with a long erect forked spine. Connexivum much dilated and ascending. Corium with a red irregularly triangular apical band. Membrane brown. Length of the body 11 lines.

a. Sarawak. Presented by W. W. Saunders, Esq.

30. Sycanus incisus.

Fœm. *Niger; rostrum apicem versus rufum; scutelli spina furcata; connexivum apud medium valde dilatatum; corium rufum; membrana pallide flavescente cinerea.*

Female. Black. Head longer than the prothorax; ante-ocular part elongate-conical, much shorter than the post-ocular. Rostrum red towards the tip. Prothorax very finely punctured, with an excavation on the suture between the lobes; fore lobe more convex than the hind lobe and about half as long. Scutellum with a long erect forked spine. Connexivum in the middle much dilated and elevated, the dilated part bidentate. Corium red. Membrane pale yellowish cinereous. Length of the body 9 lines.

a. Celebes. Presented by W. W. Saunders, Esq.

31. Sycanus leucomesus.

Fœm. *Niger; antennæ apices versus piceæ, articulo 1o rufo-bifasciato; scutelli spina longa; abdomen cyanescente nigrum, punctis subtus albis marginalibus; corium luteum, basi nigrum; membrana lurida.*

Female. Black. Head longer than the prothorax; ante-ocular part elongate-conical, much shorter than the post-ocular. Antennæ piceous towards the tips; first joint with two red bands. Prothorax very finely punctured, with an excavation on the suture between the two lobes; fore lobe less than half as long as the hind lobe. Scutellum with a long erect spine. Abdomen bluish black, with a row of white points along each side beneath; connexivum much dilated and elevated in the middle on each side. Corium luteous except at the base. Membrane lurid. Length of the body 11 lines.

a. Burmah. Presented by W. W. Saunders, Esq.

32. Sycanus marginatus.

Mas. *Niger, cinereo tomentosus; scutelli spina brevis, lata, apice bilobata; connexivum rufum, subdilatatum; femora apices versus flavo unifasciata; alæ anticæ nigricantes; corii striga subcostalis sordide testacea.*

Male. Black, with cinereous tomentum, fusiform, excepting the head. Head nearly linear, as long as the prothorax; ante-ocular part somewhat shorter than the post-ocular. Ocelli near the hind side of the eyes, not elevated. Fore lobe of the prothorax with a longitudinal furrow, more convex than the hind lobe and about half as long; hind lobe very finely scabrous. Scutellum with a short broad erect spine, whose tip forms two rounded lobes. Connexivum red, elevated, slightly dilated and rounded. Femora with a yellow band near the tip. Corium and membrane blackish, the former with a dingy testaceous subcostal streak. Length of the body 10 lines.

a. Timor. Presented by W. W. Saunders, Esq.

33. Sycanus pyrrhomelas.

Fœm. *Rufus; caput, abdominis discus pedesque nigra; scutelli spina robusta, brevissima; membrana fusca.*

Female. Bright red, pubescent. Head, rostrum towards the base, antennæ, disk of the abdomen and legs black. Head very much longer than the prothorax; ante-ocular part much shorter than the post-ocular. Fore lobe of the prothorax with an excavation in the middle of the hind border, more convex and much shorter than the finely punctured hind lobe. Spine of the scutellum erect, stout, very short. Membrane and hind wings brown. Length of the body 7 lines.

a. Hindostan. Presented by W. W. Saunders, Esq.

34. Sycanus semimarginatus.

Mas. *Niger; prothoracis margo posticus tenuiter testaceus; scutelli spina robusta; connexivi segmenta testaceo fasciata; coxæ testaceæ.*

Male. Black, fusiform, excepting the head. Head nearly linear, a little longer than the prothorax; ante-ocular part much shorter than the post-ocular. Fore lobe of the prothorax slightly and obliquely striated, more convex than the hind lobe and less than half as long; hind lobe very finely scabrous, narrowly testaceous along the hind border and on each side behind the angle. Scutellum with a stout erect spine. Connexivum dilated, rounded, ascending, each segment with a testaceous band, which is dilated at each end. Coxæ testaceous. Length of the body 10 lines.

The specimen described has no wings.

a. Silhet. Presented by J. C. Bowring, Esq.

35. Sycanus miles.

Fœm. *Niger; rostrum apicem versus rufum; prothoracis lobus anticus rufus, posticus postice rufo marginatus; scutelli spina rufa, brevis, valida, apice nigra; pectus rufo quadriplagiatum, antice rufum; venter rufo bivittatus; connexivum rufo fasciatum; coxæ rufæ; corium rufo latissime fasciatum; membrana nigricante fusca.*

Female. Black. Head somewhat longer than the prothorax; ante-ocular part lanceolate, much shorter than the post-ocular. Rostrum red towards the tip. Fore lobe of the prothorax red, with an excavation in the middle of the hind border, much shorter and more convex than the hind lobe, which is finely punctured and is bordered hindward with red. Scutellum with a red erect short stout spine, whose tip is black. Pectus with two red patches on each side; fore tibiæ wholly red. Abdomen beneath with two red stripes; connexivum dilated, ascending, with red bands. Coxæ red. Corium red beyond the middle, except at the tip. Membrane blackish brown. Length of the body 8½ lines.

a, *b*. Penang. Presented by J. C. Bowring, Esq.

36. Sycanus turbidus.

Fœm. *Niger; rostrum rufum; antennarum articulus 1us rufus, apice niger; prothorax cinereo tomentosus; scutelli spina longa; connexivum valde dilatatum; corium apice luteo fasciatum; membrana lurido-cinerea.*

Female. Black. Head longer than the prothorax; ante-ocular part lanceolate, rather shorter than the post-ocular. Rostrum red. First joint of the antennæ red, black at the tip. Prothorax with cinereous tomentum; fore lobe with three furrows, less than half as long as the hind lobe, which is very finely punctured. Scutellum with a long erect spine. Connexivum much dilated and ascending. Corium with a luteous band along the exterior border. Membrane lurid-cinereous. Length of the body 8 lines.

a. Sarawak. From Mr. Wallace's collection.

37. Sycanus caliginosus.

Fœm. *Niger; rostrum rufum; antennarum articulus 1us rufus, apice niger; scutelli spina brevis, valida, obtusa; abdomen rugulosum, lateribus valde dilatatis; corii margo exterior fulvus; membrana pallide cinerea.*

Female. Black. Head much longer than the prothorax; ante-ocular part much shorter than the post-ocular. Rostrum red. First joint of the antennæ red, black at the tip. Fore lobe of the prothorax with three excavations, much more convex than the finely punctured hind lobe, and about half as long. Scutellum with an erect obtuse stout short spine. Abdomen rugulose; sides rounded, ascending and much dilated. Corium tawny along the exterior border. Membrane pale cinereous. Length of the body 9 lines.

a. Philippine Isles. From Mr. Cuming's collection.

38. Sycanus invisus.

Fœm. *Niger; rostrum apicem versus rufum; antennarum articulus 1us rufo bifasciatus; scutelli spina sat longa; venter carinatus, lateribus dilatatis; corium rufo latissime fasciatum.*

Female. Black. Head much longer than the prothorax; ante-ocular part much shorter than the post-ocular. Rostrum red towards the tip. First joint of the antennæ with two red bands. Fore lobe of the prothorax with an excavation in the middle of the hind border, more convex than the hind lobe and about half as long. Scutellum with an erect moderately long spine. Abdomen keeled beneath, dilated, rounded and ascending on each side. Corium red on the outer half, except at the tip. Membrane brown. Length of the body 8 lines.

a. Java. From the collection of the East India Company.

Div. 5.

Pantoleistes, *Stal, Ofv. K. V. Ak. Forh.* x. 262. *Hem. Afr.* iii. 73.

39. Sycanus princeps.

Pantoleistes princeps, *Stal, Ofv. K. V. Ak. Forh.* xii. 41. *Hem. Afr.* iii. 73.

Natal.

40. Sycanus dux.

Pantoleistes dux, *Stal, Ofv. K. V. Ak. Forh.* xvi. 200.

Cape Palmas.

Genus 6. PRISTHESANCUS.

Pristhesancus, *Serv. Hist. Hem.* 360.

1. Pristhesancus Dorycus.

Reduvius Dorycus, *Boisd. Voy. Astrol.* ii. 644, pl. 2, f. 22—Priesthesancus Dorycus, *Serv. Hist. Hem.* 361.

New Guinea.

2. Pristhesancus Zetterstedti.

Zetterstedti, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 376. *Stett. Ent. Zeit.* xxii. 134.

North Hindostan.

3. Pristhesancus Papuensis.

Papuensis, *Stal, Stett. Ent. Zeit.* xxii. 134—Dorycus? *Boisd.*

New Guinea.

4. Pristhesancus phemiodes.

phemiodes, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 29.

a. Philippine Isles. From Mr. Cuming's collection.

5. Pristhesancus congrex.

congrex, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 29.

a. Philippine Isles. From Mr. Cuming's collection.

6. Pristhesancus fuscifer.

fuscifer, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 29.

a. Philippine Isles. From Mr. Cuming's collection.

Div. 2.

Lanittus, *Stal*, *Stett. Ent. Zeit.* xxii. 133.

7. Pristhesancus vulnerans.

Lanittus vulnerans, *Stal*, *Stett. Ent. Zeit.* xxii. 134.

Aru.

8. Pristhesancus albipennis.

Fœm. *Fulvus; rostrum flavum; prothoracis lobus anticus bispinosus et quadrituberculatus; lobi postici anguli subacuti valde prominuli; scutelli spina cylindrica, obtusa; abdomen cyaneum; corium album; membrana diaphana.*

Female. Tawny, elongate-fusiform, excepting the head. Head cylindrical, a little shorter than the prothorax; ante-ocular part rather shorter than the post-ocular. Rostrum and legs yellow. First joint of the rostrum much shorter than the second. Fore lobe of the prothorax very much shorter than the hind lobe, with two cylindrical obtuse spines and with four anterior tubercles. Hind lobe with the side angles very prominent and slightly acute. Scutellum with a spine like those of the fore lobe. Abdomen blue, extending just beyond the fore wings on each side. Corium white. Membrane pellucid. Length of the body 10 lines.

a. Wagiou. Presented by W. W. Saunders, Esq.

9. Pristhesancus plagipennis.

Mas. *Niger, sat angustus, cinereo pubescens; rostrum et antennæ lutea; prothoracis lobus anticus ferruginens, bituberculatus; lobus posticus sextuberculatus; scutelli tuberculum sat altum; abdomen ferrugineum, disco dorsali ex parte nigricante; femora nigra; tibiæ tarsique picea, illæ basi coxæque testaceæ; corium testaceum, piceo uniplagiatum; membrana albida.*

Male. Black, rather narrow, with cinereous down, widening slightly hindward. Head cylindrical, much shorter than the prothorax; ante-

ocular part much shorter than the post-ocular. Rostrum and antennæ luteous. Fore lobe of the prothorax ferruginous, very much shorter than the hind lobe, with three tubercles on each side, the hind pair very much higher than the others. Hind lobe very finely punctured, with three tubercles on each side. Scutellum with a high erect tubercle, as long as those on the fore lobe. Abdomen ferruginous, partly blackish in the disk above; connexivum slightly dilated, rounded, elevated. Femora black; tibiæ and tarsi piceous, the former towards the base and coxæ testaceous. Corium testaceous, with a large piceous patch adjoining the outer border. Membrane and hind wings whitish. Length of the body 9 lines.

a. Richmond River, Australia. From Mr. Leycerter's collection.

10. Pristhesancus luteicollis.

Fœm. *Piceus, cinereo tomentosus; rostrum luteum, apice piceum; antennæ luteæ, apices versus piceæ; prothoracis lobus anticus duodecim tuberculatus; lobus posticus sex tuberculatus; scutelli spina sat longa, apice rotundata; venter nonnunquam ferrugineus; pedes lutei; corium basi pallide flavescens; membrana pallide cinerea.*

Female. Piceous, very elongate-subpyriform, with cinereous tomentum. Head much shorter than the prothorax; ante-ocular part much shorter than the post-ocular. Rostrum luteous, piceous at the tip; first joint much shorter than the second. Antennæ luteous, piceous towards the tips. Fore lobe of the prothorax very much shorter than the hind lobe, with three tubercles on each side of the disk, two near the fore border, two in the middle, and two much higher than the others and near the hind border. Hind lobe with three rounded prominent tubercles on each side. Scutellum with an erect rounded moderately long spine; tip obliquely ascending. Abdomen sometimes ferruginous beneath. Connexivum rounded and much dilated. Legs luteous. Corium pale yellowish towards the base. Membrane pale cinereous. Length of the body 11 lines.

a, *b*. Moreton Bay. Presented by — Gibbons, Esq.

Genus 7. HELONOTUS.

Helonotus, *Serv. Hist. Hem.* 361.

1. Helonotus tuberculatus.

Reduvius tuberculatus, *Guér. Voy. aut. du Monde* 179. *Atlas*, pl. 12, f. 17—Helonotus tuberculatus, *Serv. Hist. Hem.* 362.

a, *b*. New Guinea. Presented by W. W. Saunders, Esq.
c. New Guinea. From Mr. Wallace's collection.
d. Mysol. From Mr. Wallace's collection.
e. Wagiou. Presented by W. W. Saunders, Esq.
f. Australia. From Mr. Macgillivray's collection.

2. Helonotus calcitrans.

calcitrans, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 29.

a. Ternate. From Mr. Wallace's collection.

3. Helonotus exsugiens.

exsugiens, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 29.

Mysol.

a, *b*. New Guinea. Presented by W. W. Saunders, Esq.

Two species may perhaps be included in the description of H. exsugiens.

4. Helonotus genualis.

Fœm. *Testaceus; antennæ apices versus ferrugineæ; prothoracis lobus anticus obtuse bispinosus; lobus posticus bituberculatus, obtuse quadrispinosus; scutellum tuberculo apiceque ascendentibus sat altis; abdomen fuscescente bivittatum; femora apice nigra; tibiæ basi nigræ; membrana cinerea, basi albida.*

Female. Testaceous, pubescent. Head cylindrical, a little shorter than the prothorax; ante-ocular part much shorter than the post-ocular. Antennæ ferruginous towards the tips. Fore lobe of the prothorax with two stout truncated spines. Hind lobe with a rounded spine on each side of the disk, with one on each side-angle, and with a tubercle on each side of the hind border. Scutellum with two high tubercles, one in the disk and one at the tip. Abdomen with a brownish stripe on each side above and beneath. Femora with black tips; tibiæ black at the base. Membrane cinereous, whitish towards the base. Length of the body 11 lines.

a. Aru. From Mr. Wallace's collection.

5. Helonotus pallidulus.

Mas. *Testaceus, subtus pallide flavescens; antennæ piceæ; prothoracis lobi bispinosi; lobi postici anguli spiniformes; pedes picei, femoribus flavescentibus apice piceis; membrana cinerea, nigro venosa.*

Male. Testaceous, pale yellowish beneath. Head much shorter than the prothorax; ante-ocular part much shorter than the post-ocular. Antennæ piceous. Prothorax with two stout erect spines on the disk of each lobe; fore lobe about one-third as long as the hind lobe, of which the hind angles are prolonged into slender acute spines. Scutellum with a prominent tubercle or short rounded spine on its disk. Abdomen elongate-oval, extending rather beyond the fore wings on each side. Legs piceous; femora yellowish, piceous towards the tips. Membrane cinereous; veins black. Length of the body 10 lines.

a. Cuenca. From Mr. Fraser's collection.

Genus 8. STHIENARA.

Sthienera, *Spin. Ess. Hem.*—Piezopleura, *Serv. Hist. Hem.* 362.

1. Sthienera angulosa.

Reduvius angulosus, *St. Farg. et Serv. Enc.* x. 277—Arilus angulatus, *Burm. Handb. Ent.* ii. 229. *Hahn, Wanz. Ins.* iii. 21 (Arilus quadratus), pl. 80, f. 245—Piezopleura angulosa, *Serv. Hist. Hem.* 362.

a. Rio Janeiro. Presented by W. W. Saunders, Esq.
b. Brazil. Presented by W. W. Saunders, Esq.
c. ———? From Mr. Vigors' collection.

2. Sthienera albosparsa.

Harpactor albosparsus, *Stal, Ofv. K. V. Ak. Forh.* xi. 238.

Minas Geraes.

3. Sthienera armipes.

Harpactor armipes, *Stal, Ofv. K. V. Ak. Forh.* xii. 189.

Ceylon.

4. Sthienera distinguenda.

distinguenda, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 196.

Brazil.

Genus 9. MONTINA.

Montina, *Serv. Hist. Hem.* 363.

1. Montina sinuosa.

Reduvius sinuosus, *St. Farg. et Serv. Enc.* x. 277—Montina sinuosa, *Serv. Hist. Hem.* 363.

a. Brazil.
b. Brazil. Presented by W. W. Saunders, Esq.

2. Montina lobata.

lobata, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 197.

Bahia.

3. Montina nigripes.

nigripes, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 197.

Bahia.

4. Montina scutellaris.

scutellaris, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 197.

Costa Rica.

Div. 2.

Ulpius, *Stal*, *Hem. Afr.* iii. 68.

5. Montina nodosipes.

nodosipes, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 963—Ulpius nodosipes, *Stal*, *Hem. Afr.* iii. 68.

Madagascar.

Genus 10. PLŒOGASTER.

Plœogaster, *Serv. Hist. Hem.* 364.

1. Plœogaster mammosus.

Div. 1.

mammosus, *Serv. Hist. Hem.* 364. *Stal*, *A. S. E. F.* 4*me Sér.* iv. 57.

Cayenne.

Div. 2.

Astinus, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 193; *Hem. Afr.* iii. 50.

2. Plœogaster M-album.

M-album, *Serv. Hist. Hem.* 364, pl. 6, f. 8—Astinus M-album, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 193.

a. Malacca. Presented by W. W. Saunders, Esq.
b. Borneo. Presented by W. W. Saunders, Esq.

3. Plœogaster modestus.

modestus, *Stal*, *Ofv. K. V. Ak. Forh.* xi.

Pulo Penang.

4. Plœogaster pustulatus.

Astinus pustulatus, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 30.

Sarawak.

Div. 3.

Aricosus, *Stal.*

5. Plœogaster curvipes.

Aricosus curvipes, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 198.

Brazil.

6. Plœogaster socius.

Aricosus socius, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 198.

Brazil?

7. Plœogaster Fabricii.

———, *Stoll*, *Pun.* f. 154—Plœogaster (Aricosus) Fabricii, *Stal*, *Hem. Fabr.* i. 98.

South America.

8. Plœocaster lividus.

Aricosus lividus, *Stal.*

Rio Janeiro.

9. Plœogaster elevatus.

Zelus elevatus, *Fabr. Syst. Rhyn.* 289—Aricosus cliens, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 198—Plœogaster elevatus, *Stal*, *Hem. Fabr.* i. 98.

South America.

Div. 4.

Paloptus, *Stal*, *Stett. Ent. Zeit.* xxii. 133.

10. Plœogaster nigriscutis.

Paloptus nigriscutis, *Stal*, *Stett. Ent. Zeit.* xxii. 133.

a. Aru. From Mr. Wallace's collection.

11. Plœogaster longispinus.

Paloptus longispinus, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 50.

Wagiou. New Guinea.

Div. 3.

Aristippus, *Stal*, *Hem. Afr.* iii. 48.

12. Plœogaster testaceus.

testaceus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 197—Aristippus testaceus, *Stal*, *Hem. Fabr.* i. 99.

Brazil.

13. Plœogaster confusus.

confusus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 198—Aristippus confusus, *Stal*, *Hem. Fabr.* i. 99.

Brazil?

14. Plœogaster distinctus.

distinctus, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 198—Aristippus distinctus, *Stal*, *Hem. Fabr.* i. 99.

Brazil?

15. Plœogaster fenestratus.

Aristippus fenestratus, *Stal, Hem. Fabr.* i. 99.

Brazil?

16. Plœogaster fumosus.

Aristippus fumosus, *Stal, Hem. Fabr.* i. 99.

Brazil?

17. Plœogaster ruficornis.

Zelus ruficornis, *Fabr. Syst. Rhyn.* 285—Aristippus ruficornis, *Stal, Hem. Fabr.* i. 99.

South America.

Div. 4.

Alcmena, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 195.

18. Plœogaster angustus.

Alcmena angusta, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 195.

Ceylon.

Div. — ?

19. Plœogaster flavopustulatus.

Plœogaster? flavopustulatus, *Costa, Ann. Mus. Zool. Nap.* ii. 139, pl. 1, f. 8—Gastroplœus flavopustulatus, *Costa, Ann. Mus. Zool. Nap.* ii. 140.

Genus 11. HARPACTOR.

Harpactor, *De Lap. Hem.* 8. *Burm. Handb. Ent.* ii. 229. *Serv. Hist. Hem.* 364.

Div. 1.

Hæmatocbares, *Stal, Ofv. K. V. Ak. Forh.* xii. 189—Reduvius, *Stal, Hem. Afr.* iii. 75.

Europe and West Asia.

1. Harpactor bipustulatus.

bipustulatus, *Fieb. Eur. Hem.* 153.

Greece.

2. Harpactor iracundus.

Cimex iracundus, *Scop. Ent. Carn.* 378—Reduvius iracundus, *Fabr. Syst. Ent.* 731; *Sp. Ins.* ii. 381; *Mant. Ins.* ii. 312; *Ent. Syst.* iv. 204; *Syst. Rhyn.* 278. *Stal, Hem. Fabr.* i. 112—Reduvius cruentus, *Fabr. Mant. Ins.* ii. 310; *Ent. Syst.* iv. 198; *Syst. Rhyn.* 272.

Schæff. Icon. Rhyn. pl. 5, f. 9, 10. *Wolff, Wanz. Ins.* f. 38. *Sulz. Hist. Ins.* pl. 10, f. 13. *Hahn, Wanz. Ins.* ii. 21, pl. 40, f. 127—Cimex sanguineus, *Schr. Beitr.* pl. 3, f. 17—Reduvius rubricus, *Germ. It. Ahr. Faun. Eur.* 2, 22—Harpactor iracundus, *Fieb. Eur. Hem.* 153—Rhinoceris Caucasicus, *Kol. Mel. Sp.* 247.

a, *b*. Geneva. Presented by M. Goureau.
c—*j*. South France. Presented by F. Walker, Esq.
i—*k*. Italy.
l. France. Presented by W. W. Saunders, Esq.
m. Isle of Paros. Presented by Prof. Edward Forbes.

3. Harpactor variegatus.

variegatus, *Fieb. Eur. Hem.* 152.

South Europe.

4. Harpactor morio.

morio, *Mus. C. Vien. Kol. Mel. Sp.* 246, pl. 3, f. 3. *Fieb. Eur. Hem.* 153.

South Russia. Greece. Turkey. Syria.

5. Harpactor hæmorrhoidalis.

Reduvius hæmorrhoidalis, *Fabr. Syst. Rhyn.* 275. *Hahn, Wanz. Ins.* vii. 13, pl. 221, f. 690, 691—Harpactor lividigaster, *Muls. Ann. Soc. Linn.* 1852, 137. *Fieb. Eur. Hem.* 154—Harpactor hæmorrhoidalis, *Fieb. Eur. Hem.* 154—Harpactor hæmorrhoidalis, Var., *Fieb. Eur. Hem.* 386.

a. Geneva. Presented by M. Goureau.
b—*f*. South Europe. Presented by F. Walker, Esq.
g. Tunis. From Mr. Fraser's collection.

6. Harpactor niger.

niger, *H.-Sch. Wanz. Ins.* vii. 14, pl. 221, f. 693. *Fieb. Eur. Hem.* 154.

Hungary.

7. Harpactor annulatus.

Cimex annulatus, *Linn. Faun. Suec.* 943—Reduvius annulatus, *Fabr. Syst. Rhyn.* 271. *Wolff, Wanz. Ins.* f. 78. *Sulz. Hist. Ins.* pl. 10, f. 13. *Schaff. Icon. R.* pl. 5, f. 11—Harpactor annulatus, *Fieb. Eur. Hem.* 154.

a—*d*. Geneva. Presented by M. Goureau.
e. France.
f. Polish Ukraine. Presented by Dr. Dowler.

8. Harpactor carnifex.

carnifex, *Muls. Ann. Soc. Linn.* 1852, 137.

South France.

9. Harpactor leucospilus.

Reduvius leucospilus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 203.

Siberia.

10. Harpactor maurus.

Reduvius maurus, *Fabr. Syst. Ent.* 732; *Sp. Ins.* ii. 382; *Mant. Ins.* ii. 314; *Ent. Syst.* iv. 207? *Syst. Rhyn.* 280—Reduvius tibialis, *Fabr. Syst. Rhyn.* 275—Rhinoceris maurus, *Stal*, *Hem. Fabr.* i. 112.

Sicily. Algeria.

11. Harpactor signiceps.

signiceps, *Walk. Zoologist*, 1870, 2379.

Mount Sinai.

Div. 2.

Sphedanolestes, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 288.

12. Harpactor pulchellus.

Reduvius pulchellus, *Klug*, *Symb. Phys.* ii. pl. 19, f. 11—Harpactor Hedenborgi, *Stal*, *Ofv. K. Vet. Ak. Forh.* xii. 189—Sphedanolestes pulchellus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 288.

Rhodes. Syria.

13. Harpactor pictus.

Reduvius pictus, *Klug*, *Symb. Phys.* pl. 19, f. 12. *Stal*, *Hem. Afr.* iii. 92.

Desert Arabia. East Africa.

Div. 3.

Vachiria, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 375.

14. Harpactor Natolicus.

Vachiria Natolica, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 375.

Natolia.

Div. 4.

Coranus, *Curt. Brit. Ent.* x. 453. *Dougl. and Scott*, *Hem.* 540. *Stal*, *Hem. Afr.* iii. 93—Colliocoris, *Hahn*, *Wanz. Ins.* ii. 23. *Fieb. Eur. Hem.* 154.

15. Harpactor niger (bis lectum).

Colliocoris niger, *Mus. Vien. Fieb. Eur. Hem.* 154—Harpactor niger, *Ramb. Faun. And.* 178.

South Europe.

16. Harpactor griseus.

Reduvius griseus, *Rossi*, *Faun. Etr.* Sp. 1362—Harpactor griseus, *Hahn*, *Wanz. Ins.* vi. 106, pl. 215, f. 677—Harpactor murinus, *Ramb. Faun. And.* 177—Colliocoris griseus, *Fieb. Eur. Hem.* 155.

South Europe.

17. Harpactor Ægyptius.

Reduvius Ægyptius, *Fabr. Ent. Syst.* iv. 205; *Syst. Rhyn.* 279. *Wolff*, *Icon. Cim.* 83, 80, pl. 8, f. 80. *Coq. Ill. Icon.* 393, pl. 21, f. 7—Harpactor murinus, *Ramb. Faun. And.* ii. 177—Zelus Ægyptius, *Blanch. Hist. Nat. Ins.* iii. 102 (Reduvius Ægyptius), *Hem.* pl. 2, f. 5—Harpactor Ægyptius, *Serv. Hist. Hem.* 366. *H.-Sch. Wanz. Ins.* vi. 107, pl. 215, f. 678—Coranus Ægyptius, *Fieb. Eur. Hem.* 155.

South Europe. Egypt.

18. Harpactor subapterus.

Cimex subapterus, *Deg. Ins.* iii. 287, pl. 15, f. 10, 11—Reduvius apterus, *Fabr. Syst. Rhyn.* 281—Reduvius pedestris, *Wolff*, *Icon. Cim.* 205, pl. 20, f. 199—Reduvius subapterus, *Fall. Hem. Suec.* 157—Coranus subapterus, *Curt. Brit. Ent.* x. pl. 453. *Dougl. and Scott*, *Hem.* 541—Colliocoris griseus, *Hahn*, *Wanz. Ins.* ii. 25, pl. 41, f. 129—Harpactor pedestris, *Burm. Handb. Ent.* ii. 230—Harpactor Hahni, *Kol. Mel. Ent.* vi. 47—Harpactor subapterus, *Flor. Rhyn. Liv.* i. 684—Colliocoris pedestris, *Fieb. Eur. Hem.* 155.

a, *b*. France. Presented by W. W. Saunders, Esq.
c, *d*. France.
e. Europe. Presented by J. Gray, Esq.
f. Geneva. Presented by M. Goureau.
g. Tunis.
h. Chamouni. Presented by M. Pierret.
i. Algeria. Presented by M. A. Serville.

Div. 5.

Oreada, *Muls. Ann. Soc. Linn. Lyon.* xvi. 292.

19. Harpactor luctuosus.

Oreada luctuosa, *Muls. Ann. Soc. Linn. Lyon.* xvi. 293.

Pyrenees.

Div. 1.

Milyas, *Stal*, *Ofv. K. V. Ak. Forh.* xxiii. 295.

20. Harpactor cinctus.

Reduvius cinctus, *Fabr. Gen. Ins. Mant.* 302; *Sp. Ins.* ii. 379; *Mant. Ins.* i. 310; *Ent. Syst.* iv. 199; *Syst. Rhyn.* 272—Harpactor cinctus,

H.-Sch. Wanz. Ins. viii. 83, pl. 276, f. 853—Milyas cinctus, *Stal, Hem. Fabr.* i. 106.

a, *b*. Illinois. Presented by H. Reushaw, Esq.
c. North America. Presented by the Entomological Club.
d. North America. From Mr. Dyson's collection.
e. Mexico. Presented by E. P. Coffin, Esq.
f. Oajaca. From M. Hartweg's collection.
g. Orizaba. From M. Sallé's collection.
h. Santarem. From Mr. Bates' collection.

Mexico.

Div. 1.

Castolus, *Stal, Ofv. K. V. Ak. Forh.* xv. 447.

21. Harpactor plagiaticollis.

plagiaticollis, *Stal, Ofv. K. V. Ak. Forh.* xv. 447.
Mexico.

South America.

Div. 1.

22. Harpactor nigromaculatus.

nigromaculatus, *Stal, Rio Jan. Hem.* 74.
Rio Janeiro.

23. Harpactor albosparsus.

albosparsus, *Stal, Ofv. K. V. Ak. Forh.* xi. 338.
Minas Geraes.

Div. 2.

Pirnonota, *Stal, Ofv. K. V. Ak. Forh.* xvi. 369.

24. Harpactor convexicollis.

Pirnonota convexicollis, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 370.
Rio Janeiro.

Div. 3.

Doldina, *Stal, Ofv. K. V. Ak. Forh.* xxiii. 292.

25. Harpactor bicarinatus.

Doldina bicarinata, *Stal, Ofv. K. V. Ak. Forh.* xxiii. 296.
Amazon Region.

Div. 4.

Corcia, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 368.

26. Harpactor Columbicus.

Corcia Columbica, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 369.
New Granada.

27. Harpactor capitatus.

Corcia capitata, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 369.
New Granada.

Div. 5.

Pyrrhosphodrus, *Stal*, *Ofv. K. V. Ak. Forh.* xxiii. 295.

28. Harpactor militaris.

Pyrrhosphodrus militaris, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 298.
Amazon Region.

29. Harpactor Amazonus.

Pyrrhosphodrus Amazonus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 298.
Amazon Region.

Div. 6.

Pindus, *Stal*, *Ofv. K. V. Ak. Forh.* xxiii. 296.

30. Harpactor vittaticeps.

Pindus vittaticeps, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 299.
Amazon Region.

West, South and East Africa.

Div. 1.

The species are distinguished by Prof. Stal as follows:—

A. Hinder fore lobe of the prothorax more or less distinctly tuberculate in the middle.
a. Scutellum not forming an obtuse spine hindward.
* Rostrum wholly black.
† Abdomen and legs black; fore femora except at each end red or yellowish testaceous. - - nitidulus.
†† Border of the abdomen yellowish or testaceous, or with yellowish or testaceous spots. Second joint of the rostrum most often longer than the first.
‡ Hind lobe of the prothorax and corium yellowish, ochraceous, or reddish testaceous.
§ Fore lobe of the prothorax yellowish or ochraceous.
× Scutellum ochraceous. - - - - bellicosus.
×× Scutellum black. - - - - - obtusus.
§§ Fore lobe of the prothorax black.
× Second joint of the rostrum hardly longer than the first. Post-ocular part of the head longer than the ante-ocular part. - - - - acutus.
×× Second joint of the rostrum distinctly longer than the first. Ante-ocular and post-ocular nearly equally long, or the latter a little longer than the former.

o Hind sides of the hind lobe of the prothorax and the femora wholly black.
-+ Hind border of the prostethium black. - - rufus.
-+-+ Hind border of the prostethium not black. segmentarius, erythrocnemis.
oo Hind side of the hind lobe of the prothorax not black. Femora at least beneath testaceous at the base. bicolor.
‡‡ Fore wings blackish.
§ Hind lobe of the prothorax reddish testaceous; sides and a middle spot black. - - - venustus.
§§ Hind lobe of the prothorax black. Legs rather long.
× First joint of the antennæ longer by half than the head. - - - - - - tristis.
×× First joint of the antennæ longer than the head by more than half.
o Fore wings extending beyond the tip of the abdomen. - - - - - albopilosus.
oo Fore wings not extending to the tip of the abdomen. albopunctatus.
** Rostrum not wholly black.
† Second joint of the rostrum longer than the first.
‡ Rostrum of one colour. Fore lobe of the prothorax distinctly bituberculate. - - - Carmelita.
‡‡ Rostrum of two colours. Fore lobe of the prothorax obsoletely bituberculate. - - - violentus.
†† First and second joints of the rostrum nearly equally long. - - - - - - albonotatus.
b. Scutellum forming hindward a short obtuse depressed spine, which is very slightly reflexed. - cinerascens.
B. Fore lobe of the prothorax not or hardly bituberculate hindward.
a. Scutellum not foliaceous at the tip.
* Head narrowly oval, not longer than the hind lobe of the prothorax. - - - - inops.
** Head elongated or oblong, as long as the prothorax or a little shorter.
† Hind lobe of the prothorax not impressed in the middle.
‡ Second joint of the rostrum longer than the first.
§ Prothorax not wholly black.
× Abdomen beneath with three black stripes.
o Rostrum black at the base.
-+ Head, antennæ and legs blackish. - - latro.
-+-+ Head, antennæ and legs black. - - - puberulus.
oo Rostrum pale at the base. - - - sævus.
×× Abdomen with no black stripes beneath, most often with black or testaceous bands.
o Corium with no bands. - - - - tropicus.
oo Corium with one band.
-+ Abdomen with no white bands beneath. - - tibialis.
-+-+ Abdomen with white bands beneath. - - albofasciatus.
ooo Corium with two bands. - - - - rapax.
§§ Prothorax wholly black. - - - - hæmatopterus.

‡‡ First and second joints of the rostrum equally long.
§ Body oblong.
× Fore wings extending to the tip of the abdomen. - fasciativentris.
×× Fore wings extending beyond the tip of the abdomen. - - - - - - venans.
§§ Body somewhat elongated. - - - obscuripennis.
†† Hind lobe of the prothorax impressed lengthwise in the middle.
‡ Body somewhat oblong. Prothorax black. Legs moderately long.
§ Ante-ocular and post-ocular parts of the head almost equally long. - - - - - cingulatus.
§§ Ante-ocular head a little shorter than the post-ocular. nanus.
‡‡ Body somewhat elongated. Legs rather long. flavus, cinctipes, gulosus.
b. Scutellum foliaceous at the tip.
* Scutellum reflexed at the tip. Fore wings somewhat longer than the abdomen.
† First joint of the antennæ not twice as long as the head. - - - - - - pictus.
†† First joint of the antennæ twice as long as the head. æthiopicus.
** Scutellum slightly foliaceous and dilated at the tip. Fore wings much longer than the abdomen. - Perrisi.

31. Harpactor nitidulus.

Reduvius nitidulus, *Fabr. Ent. Syst.* iv. 195; *Syst. Rhyn.* 268. *Stal, Ofv. K. V. Ak. Forh.* xvi. 204; *Hem. Afr.* iii. 76—Reduvius quadrituberculatus, *Pal. Beauv. Ins.* 15, pl. 1, f. 5.

Senegal. Gabon.

a—d. Sierra Leone. Presented by the Rev. F. Morgan.
e. Old Calabar. From Mr. J. Gray's collection.
f. Old Calabar. From Mr. Murray's collection.

32. Harpactor marginatus.

marginatus, *Frme. Arch. Ent.* ii. 319—Reduvius bellicosus, *Stal, Hem. Afr.* iii. 76.

Gabon.

33. Harpactor obtusus.

Reduvius obtusus, *Pal. Beauv. Ins.* 63. *Hem.* pl. 2, f. 2. *Stal, Hem. Afr.* ii. 77—Harpactor bituberculatus, *Stal, Ofv. K. Vet. Ak. Forh.* xv. 446—Harpactor transversus, *Sgnt. Arch. Ent.* ii. 319.

Guinea.

34. Harpactor acutus.

Harpactor varipes, *Sgnt. Arch. Ent.* ii. 320—Reduvius acutus, *Pal. Beauv. Ins.* 63. *Hem.* pl. 2, f. 1. *Stal, Hem. Afr.* iii. 77.

Calabar.

35. Harpactor rufus.

Reduvius rufus, *Thunb. Hem. Rostr. Cap.* iii. 5. *Stal, Hem. Afr.* iii. 78—Harpactor caffer, *Stal, Ofv. K. V. Ak. Forh.* xii. 42.

Cape.

36. Harpactor erythrocnemis.

Harpactor erythrocnemis, *Germ. Silb. Rev. Ent.* v. 42—Harpactor patruelis, *Stal, Ofv. K. V. Ak. Forh.* xii. 42—Reduvius erythrocnemis, *Stal, Hem. Afr.* iii. 78.

Natal.

a, *b*. Cape. From M. Dregé's collection.
c. Cape. Presented by Sir A. Smith.

37. Harpactor segmentarius.

Harpactor segmentarius, *Germ. Silb. Rev. Ent.* v. 125. *Stal, Hem. Afr.* iii. 79.

Guinea. Mozambique.

a. South Africa. Presented by Sir A. Smith.
b. Cape. From M. Dregé's collection.
c, *d*. Natal. From M. Gueinzius' collection.

38. Harpactor bicolor.

Reduvius bicolor, *Fabr. Ent. Syst.* iv. 199; *Syst. Rhyn.* 272. *Stal, Hem. Afr.* iii. 79—Harpactor angustatus, *Sgnt. Arch. Ent.* ii. 322.

Senegal. Guinea. Sierra Leone. Calabar.

39. Harpactor venustus.

Harpactor venustus, *Stal, Ofv. K. V. Ak. Forh.* xii. 42—Reduvius venustus, *Stal, Hem. Afr.* iii. 80.

Natal.

40. Harpactor tristis.

Harpactor tristis, *Stal, Ofv. K. V. Ak. Forh.* xii. 80—Reduvius tristis, *Stal, Hem. Afr.* iii. 80.

Cape. Natal.

41. Harpactor albopilosus.

Harpactor albopilosus, *Sgnt. Arch. Ent.* ii. 320—Reduvius albopilosus, *Stal, Hem. Afr.* iii. 81—Harpactor conspersus, *Stal, Ofv. K. Vet. Ak. Forh.* xv. 446.

Old Calabar. Guinea. Senegal.

42. Harpactor albopunctatus.

Harpactor albopunctatus, *Stal, Ofv. K. V. Ak. Forh.* xii. 43—Reduvius albopunctatus, *Stal, Hem. Afr.* iii. 81.

Natal.

43. Harpactor Carmelita.

Harpactor Carmelita, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 202—Reduvius Carmelita, *Stal*, *Hem. Afr.* iii. 82.

Sierra Leone.

44. Harpactor violentus.

Harpactor violentus, *Germ. Silb. Rev.* v. 126—Harpactor Natalensis, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 42—Harpactor disciventris, *H.-Sch. Wanz. Ins.* viii. 86, pl. 277, f. 856—Reduvius violentus, *Stal*, *Hem. Afr.* iii. 82.

South Africa.

45. Harpactor albonotatus.

Harpactor albonotatus, *Stal*, *Ofv. K. V. Ak. Forh.* xv. 318—Reduvius albouotatus, *Stal*, *Hem. Afr.* iii. 83.

Region of Lake N'Gami.

46. Harpactor cinerascens.

Reduvius cinerascens, *Stal*, *Hem. Afr.* iii. 83.

Cape.

47. Harpactor inops.

Reduvius inops, *Stal*, *Hem. Afr.* iii. 84.

Guinea.

48. Harpactor latro.

Harpactor latro, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 42—Reduvius latro, *Stal*, *Hem. Afr.* iii. 84.

Natal.

49. Harpactor puberulus.

Harpactor puberulus, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 42—Reduvius puberulus, *Stal*, *Hem. Afr.* iii. 85.

Guinea. Natal.

50. Harpactor sævus.

Reduvius sævus, *Stal*, *Hem. Afr.* iii. 85.

Guinea.

51. Harpactor tropicus.

Harpactor tropicus, *H.-Sch. Wanz. Ins.* viii. 84, pl. 263, f. 815—Reduvius tropicus, *Stal*, *Hem. Afr.* iii. 85.

Sierra Leone.

52. Harpactor tibialis.

Harpactor tibialis, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 86—Reduvius tibialis, *Stal*, *Hem. Afr.* iii. 86.

Natal.

53. Harpactor albofasciatus.

Harpactor albofasciatus, *Sgnt. Arch. Ent.* ii. 323—Reduvius albofasciatus, *Stal, Hem. Afr.* iii. 87.

Guinea.

54. Harpactor rapax.

Harpactor rapax, *Stal, Ofv. K. Vet. Ak. Forh.* xii. 41—Harpactor segmentarius, *Sgnt. Arch. Ent.* ii. 321—Reduvius rapax, *Stal, Hem. Afr.* iii. 87.

Calabar. Natal.

55. Harpactor hæmatopterus.

Harpactor hæmatopterus, *Germ. Silb. Rev. Ent.* v. 126—Reduvius hæmatopterus, *Stal, Hem. Afr.* iii. 88.

Cape.

56. Harpactor fasciativentris.

Harpactor fasciventris, *Stal, Ofv. K. V. Ak. Forh.* xii. 42—Reduvius fasciativentris, *Stal, Hem. Afr.* iii. 88.

Natal.

57. Harpactor venans.

Harpactor venans, *Stal, Ofv. K. V. Ak. Forh.* xii. 42—Reduvius venans, *Stal, Hem. Afr.* iii. 89.

Natal.

58. Harpactor obscuripennis.

Hæmatochares obscuripennis, *Stal, Ofv. K. V. Ak. Forh.* xii. 190; xiii. 65, pl. 1, f. 4—Pirates? angusticollis, *Sgnt. Arch. Ent.* ii. 310—Reduvius obscuripennis, *Stal, Hem. Afr.* iii. 89.

Senegal. Sierra Leone. Calabar.

59. Harpactor cingulatus.

Reduvius cingulatus, *Stal, Hem. Afr.* iii. 90.

Natal.

60. Harpactor nanus.

Harpactor nanus, *Stal, Ofv. K. V. Ak. Forh.* xii. 43—Reduvius nanus, *Stal, Hem. Afr.* iii. 90.

Natal.

61. Harpactor leucocephalus.

Reduvius leucocephalus, *Fabr. Ent. Syst.* iv. 205; *Syst. Rhyn.* 279—Harpactor flavus, *Sgnt. Arch. Ent.* ii. 323—Reduvius flavus, *Stal, Hem. Afr.* iii. 91—Reduvius leucocephalus, *Stal, Hem. Fabr.* i. 112.

Guinea.

62. Harpactor cinctipes.

Harpactor cinctipes, *Sgnt. Arch. Ent.* ii. 322—Harpactor spectandus, *Stal. Ofv. K. V. Ak. Forh.* xv. 446—Reduvius cinctipes, *Stal*, *Hem. Afr*, iii. 90.

Calabar.

63. Harpactor subflaviceps.

subflaviceps, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 965—Reduvius gulosus, *Stal*, *Hem. Afr.* iii. 91.

Madagascar.

64. Harpactor pictus.

Reduvius pictus, *Klug*, *Symb. Phys.* ii. pl. 19, f. 12. *Stal*, *Hem. Afr.* iii. 92.

Arabia. Region of Lake N'Gami.

65. Harpactor Æthiopicus.

Harpactor pictus, *Sgnt. Arch. Ent.* ii. 321—Reduvius Æthiopicus, *Stal*, *Hem. Afr.* iii. 92.

Calabar.

66. Harpactor Perrisi.

Euagoras? Perrisi, *Sgnt. Arch. Ent.* ii. 325, pl. 11, f. 8—Reduvius Perrisi, *Stal*, *Hem. Afr.* iii. 93.

Gabon.

67. Harpactor rufipennis.

Reduvius rufipennis, *Fabr. Syst. Rhyn.* 271. *Stal*, *Hem. Fabr.* i. 111.

Guinea.

68. Harpactor nigripennis.

nigripennis, *Frme. Arch. Ent.* ii. 324.

Gabon.

Div. 2.

Coranus, *Curt.*

A. Legs not spotted nor banded.
a. First joint of the antennæ somewhat shorter than the head. - - - - - - carbonarius.
b. First joint of the antennæ very slightly longer than the head. - - - - - lugubris.
B. Legs spotted or banded.
a. Tibiæ with not more than one band.
* Prothorax wholly black. - - - - oblongiceps.
** Prothorax not wholly black. - - - - papillosus.

b. Tibiæ with more than one band.
* Tibiæ brown, with pale rings at each end. - - pullus.
** Tibiæ dingy straw-colour, brown at the base and at the tips. - - - - - - varipes.

69. Harpactor carbonarius.

Harpactor carbonarius, *Stal, Ofv. K. V. Ak. Forh.* xii. 42—Coranus carbonarius, *Stal, Hem. Afr.* iii. 94.

Cape. Natal.

70. Harpactor oblongiceps.

Coranus oblongiceps, *Stal, Hem. Afr.* iii. 94.

Natal.

71. Harpactor papillosus.

Reduvius papillosus, *Thunb. Hem. rostr. Cap.* iii. 5—Reduvius niger, *Thunb. Hem. rostr. Cap.* iii. 5—Harpactor hæmatitius, *Germ. Silb. Rev. Ent.* v. 126—Harpactor capensis, *Serv. Hist. Hem.* 366—Harpactor capicola, *Stal, Eug. Resa*, 261—Coranus papillosus, *Stal, Hem. Afr.* iii. 35.

a. Cape. From M. Dregé's collection.

72. Harpactor pullus.

Harpactor pullus, *Stal, Ofv. K. V. Ak. Forh.* xii. 43—Coranus pullus, *Stal, Hem. Afr.* iii. 95.

Natal.

73. Harpactor varipes.

Coranus varipes, *Stal, Hem. Afr.* iii. 96.

Senegal.

74. Harpactor fulviventris.

Harpactor calviventris, *Germ. Silb. Rev. Ent.* v. 127.

a. Cape. From M. Dregé's collection.

Div. 3.

Anytus, *Stal, Hem. Afr.* iii. 74.

75. Harpactor sulcicollis.

Harpactor sulcicollis, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 965—Anytus sulcicollis, *Stal, Hem. Afr.* iii. 74.

Madagascar.

Div. 4.

Vitumnus, *Stal*, *Hem. Afr.* iii. 68.

A. Eyes and ocelli comparatively less prominent. - scenicus.
A. Eyes and ocelli comparatively more prominent. - oculatus.

76. Harpactor scenicus.

Harpactor sedulus, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 41—Harpactor cinnabarinus, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 41—Harpactor nigripes, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 41—Harpactor scenicus, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 41—Harpactor miniatus, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 41—Harpactor sobrinus, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 41—Vitumnus scenicus, *Stal*, *Hem. Afr.* iii. 69.

Natal.

77. Harpactor oculatus.

Vitumnus oculatus, *Stal*, *Hem. Afr.* iii. 70.

Senegal.

Div. 5.

Zamolxis, *Stal*, *Hem. Afr.* iii. 70.

78. Harpactor gracilis.

Harpactor gracilis, *Stal*, *Ofv. K. V. Ak. Forh.* 1855, 42—Zamolxis gracilis, *Stal*, *Hem. Afr.* iii. 71.

Natal.

79. Harpactor pallidiventris.

Harpactor pallidiventris, *Germ. Silb. Rev. Ent.* v. 127.

a. Cape. From M. Dregé's collection.

Div. 6.

Harpagocoris, *Stal*, *Ofv. K. V. Ak. Forh.* x. 262; *Hem. Afr.* iii. 71.

80. Harpactor nigronitens.

Harpagocoris nigronitens, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 43; *Hem. Afr.* iii. 71.

Natal.

Div. 7.

Vatinius, *Stal*, *Hem. Afr.* iii. 74.

81. Harpactor ochropus.

Harpactor ochripes, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 4—Vatinius ochropus, *Stal*, *Hem. Afr.* iii. 74.

Natal.

Div. 8.

Pantoleistes, *Stal*, *Ofv. K. V. Ak. Forh.* x. 262; *Hem. Afr.* iii. 73.

82 Harpactor princeps.

Pantoleistes princeps, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 41; *Hem. Afr.* iii. 73.

Natal.

Div. 9.

Peprius, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 376; *Hem. Afr.* iii. 64.

83. Harpactor nodulipes.

Harpactor nodulipes, *Sgnt. Arch. Ent.* ii. 324, pl. 11, f. 7—Peprius nodulipes, *Stal, Hem. Afr.* iii. 65.

Calabar.

Div. 10.

Rhynocoris, *Guer. et Perch. Gen. Ins.*—Phonoctonus, *Stal*, *Ofv. K. Vet. Ak. Forh.* x. 262; *Hem. Afr.* iii. 61.

84. Harpactor grandis.

Phonoctonus grandis, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 962; *Stal*, *Hem. Afr.* iii. 61.

Isle Mayotta.

85. Harpactor fasciatus.

Reduvius fasciatus, *Pal. Beauv. Ins.* 65; *Hém.* pl. 2, f. 5—Phonoctonus fasciatus, *Stal*, *Hem. Afr.* iii. 62.

Natal.

a, *b*. Congo. Presented by Sir J. Richardson.
c. West Africa. From Mr. Fraser's collection.
d. Gambia. Presented by W. W. Saunders, Esq.
e. Madagascar. From Dr. Lyall's collection.

86. Harpactor nigrofasciatus.

Phonoctonus nigrofasciatus, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 43; *Hem. Afr.* iii. 62.

Natal.

87. Harpactor immitis.

Phonoctonus immitis, *Stal*, *Hem. Afr.* iii. 62.

Guinea.

88. Harpactor picturatus.

Phonoctonus picturatus, *Frme. Arch. Ent.* ii. 318. *Stal*, *Hem. Afr.* iii. 63.

Gabon.

89. Harpactor subimpictus.

Phonoctonus subimpictus, *Stal*, *Hem. Afr.* iii. 63.

Guinea.

Div. 11.

Vadimou, *Stal*, *Hem. Afr.* iii. 64.

90. Harpactor nodosus.

Plœogaster? nodosus, *Sgnt. Arch. Ent.* ii. 317—Vadimon nodosus, *Stal*, *Hem. Afr.* iii. 64.

Calabar.

Div. 12.

Domnus, *Stal*, *Ofv. K. V. Ak. Forh.* xv. 445; *Hem. Afr.* iii. 58.

91. Harpactor flavoniger.

Domnus flavoniger, *Stal*, *Ofv. K. Vet. Ak. Forh.* 1859, 445. *Stett. Ent. Zeit.* xxii. 136.

Old Calabar.

92. Harpactor dimidiatus.

Harpactor dimidiatus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xii. 42—Domnus dimidiatus, *Stett. Ent. Zeit.* xxii. 136.

Caffraria.

Div. 13.

Blapton, *Spin. Gen. Ins. Artr.* 144. *Stal*, *Hem. Afr.* iii. 59—Sphagiastes, *Stal*, *Ofv. K. V. Ak. Forh.* x. 262.

93. Harpactor ramentaceus.

Arilus ramentaceus, *Germ. Silb. Rev. Ent.* v. 123—Blapton Dregei, *Spin. Gen. Ins. Artr.* 145—Sphagiastes horrificus, *Stal*, *Ofv. K. V. Ak. Forh.* x. 43—Blapton ramentaceus, *Stal*, *Hem. Afr.* iii. 60.

Natal.

94. Harpactor pilipes.

Arilus pilipes, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 43—Arilus atrox, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 43—Blapton pilipes, *Stal*, *Hem. Afr.* iii. 60.

Natal.

South Asia.

Div. 1.

95. Harpactor pulchriventris.

Reduvius pulchriventris, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 37—Reduvius pulchriventris, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 286.

a. North Hindostan. From Capt. Boyes' collection.

96. Harpactor nigroruber.

Reduvius (Harpactor) nigroruber, *Dohrn*, *Stett. Ent. Zeit.* xxi. 406—Reduvius? nigroruber, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 286.

Ceylon.

97. Harpactor sordidipennis.

Reduvius (Harpactor) sordidipennis, *Dohrn*, *Stett. Ent. Zeit.* xxi. 406—Reduvius? sordidipennis, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 286.

Ceylon.

98. Harpactor fuscipes.

——— *Stoll*, *Pun.* 56, pl. 13, f. 87—Reduvius fuscipes, *Fabr. Mant. Ins.* ii. 312; *Ent. Syst.* iv. 204; *Syst. Rhyn.* 278. *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 285; *Hem. Fabr.* i. 110—Reduvius sanguinolentus, *Wolff*, *Icon. Cim.* iv. 166, pl. 16, f. 160—Reduvius corallinus, *St. Farg. et Serv. Enc.* x. 279.

Hindostan.

99. Harpactor costalis.

Reduvius costalis, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 285.

Bengal.

100. Harpactor aulicus.

Reduvius aulicus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 285.

Malacca.

101. Harpactor lobatus.

Reduvius lobatus, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 36.

Cambodia.

102. Harpactor subcrispus.

Reduvius subcrispus, *Stal*, *Stett. Ent. Zeit.* xxii. 146—Reduvius? subcrispus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 286.

Hong Kong.

103. Harpactor impiger.

Reduvius impiger, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 38.

Cambodia.

104. Harpactor mendicus.

Reduvius mendicus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 286.

Malacca.

105. Harpactor nigricollis.

Arilus nigricollis, *Dall. Trans. Ent. Soc. Lond. New Ser.* i. 8, pl. 2, f. 5—Reduvius? nigricollis, *Stal*, *Ofv. K. Vet. Ak· Forh.* xxiii. 286.

Bootan.

106. Harpactor Malayus.

Reduvius Malayus, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 38.

Malacca.

Div. 2.

Irantha, *Stal*, *Stett. Ent. Zeit.* xxii. 137.

107. Harpactor armipes.

Harpactor armipes, *Stal*, *Ofv. K. Vet. Ak. Forh.* xii. 189—Irantha armipes, *Stal*, *Stett. Ent. Zeit.* xxii. 138.

Ceylon.

Div. 3.

Sphedanolestes, *Stal.*

108. Harpactor impressicollis.

Reduvius impressicollis, *Stal*, *Stett. Ent. Zeit.* xxii. 147—Sphedanolestes impressicollis, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 288.

Hong Kong.

109. Harpactor xanthogaster.

Reduvius xanthogaster, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 37—Sphedanolestes xanthogaster, *Stal*, *Ofv. K. V. Ak. Forh.* xxiii. 288.

Malacca.

Div. 4.

Panthous, *Stal.*

110. Harpactor Icarus.

Panthous Icarus, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 42.

Malacca.

111. Harpactor ochromelas.

Panthous ochromelas, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 43.

New Guinea.

112. Harpactor Dœdalus.

Panthous Dœdalus, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 42.

Malacca.

113. Harpactor obscurus.

obscurus, *Dallas*, *Trans. Ent. Soc Lond. New. Ser.* i. 7, pl. 2, f. 4.

Bootan.

Eastern Isles.

Div. 1.

114. Harpactor picticeps.

Reduvius picticeps, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 204.

Pulo Penaug, Java, Borneo, &c.

115. Harpactor patagiatus.

Reduvius patagiatus, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 37.

Sarawak.

116. Harpactor verecundus.

Reduvius verecundus, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 38.

a. Aru. Presented by W. W. Saunders, Esq.
b. Aru. From Mr. Wallace's collection.
c, *d*. New Guinea. Preseuted by W. W. Saunders, Esq.
e. New Guinea. From Mr. Wallace's collection.

117. Harpactor gulo.

Reduvius gulo, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 37.

a. Mysol. From Mr. Wallace's collection.

118. Harpactor melanocephalus.

Reduvius? melanocephalus, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 39.

Aru.

119. Harpactor helluo.

Reduvius helluo, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 39.

Ké.

a. New Guinea. From Mr. Wallace's collection.

120. Harpactor marginellus.

Reduvius marginellus, *Fabr. Syst. Rhyn.* 271. *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 202; xxiii. 285. *Hem. Fabr.* i. 111.

Java. Sumatra. New Guinea.

121. Harpactor vicinus.

Reduvius viciuus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 202.

Celebes.

Div. 2.

Campsolomus, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 686.

122. Harpactor strumulosus.

Campsolomus strumulosus, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 687, pl. 7, f. 7.

Philippine Isles.

Div. 3.

Sphodronythes, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 684.

123. Harpactor erythropterus.

Zelus erythropterus, *Burm. Nov. Act. Acad. Leop.* xvi. *Suppl.* 1, 303—Reduvius frater, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 201—Sphodronyttus erythromelus, *Stal*, *Ofv. K. V. Ak. Forh.* xxiii. 283—Reduvius convivus, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 201—Sphodronyttus erythropterus, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 685.

Philippine Isles.

124. Harpactor seminiger.

Sphodronyttus seminiger, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 685.

Philippine Isles.

125. Harpactor variabilis.

Sphodronyttus variabilis, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 686.

Philippine Isles.

126. Harpactor inermis.

Sphodronyttus inermis, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 685.

Philippine Isles.

127. Harpactor semirufus.

Reduvius semirufus, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 201—Sphodronyttus semirufus, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 685.

Philippine Isles.

128. Harpactor histricus.

Sphodronyttus histricus, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 686.

Philippine Isles.

Div. 4.

Gastrosphodrus, *Stal.*

129. Harpactor saucius.

Reduvius saucius, *Stal*, *Stett. Ent. Zeit.* xxii. 147—Gastrophodrus saucius, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 289.

Aru.

130. Harpactor gestuosus.

Reduvius gestuosus, *Stal*, *Stett. Ent. Zeit.* xxii. 147—Gastrosphodrus gestuosus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 289.

Ké.

131. Harpactor jucundus.

Gastrosphodrus jucundus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 289.

New Guinea.

132. Harpactor melanocephalus.

Reduvius? melanocephalus, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 39—Gastrosphodrus? melanocephalus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 289.

Aru.

Div. 5.

133. Harpactor tagalicus.

tagalicus, *Stal*, *Eug. Resa*, 262.

Philippine Isles.

Div. ?

134. Harpactor? acanthifer.

Reduvius acanthifer, *Mtrz. Ann. Sci. Phys. Soc. Agric. Lyon*, vii. 108.

Woodlark.

135. Harpactor? leucomelas.

Reduvius leucomelas, *Mtrz. Ann. Sci. Phys. Soc. Agric. Lyon*, vii. 108.

Woodlark.

136. Harpactor? polyacanthus.

Reduvius polyacanthus, *Mtrz. Ann. Sci. Phys. Soc. Agric. Lyon*, vii.

Woodlark.

137. Harpactor armatus.

Reduvius armatus, *Mtrz. Ann. Sci. Phys. et Nat.* 2*me Sér.* vii. 1, 108—Reduvius? armatus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 287.

Woodlark.

138. Harpactor megagaster.

Reduvius megagaster, *Mtrz. Ann. Sci. Phys. et Nat.* 2*me Sér.* vii. 1, 108—Reduvius megagaster, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 287.

Woodlark.

Australia.

Div. 1.

139. Harpactor formosus.

Reduvius formosus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 363—Reduvius? formosus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 286.

a. Australia. Presented by the Haslar Hospital.

140. Harpactor gratiosus.

Reduvius gratiosus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 363—Reduvius? gratiosus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 287.

Australia.

141. Harpactor aspericollis.

Reduvius aspericollis, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 363—Reduvius? aspericollis, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 287.

Australia.

142. Harpactor varius.

Reduvius varius, *Fabr. Ent. Syst.* iv. 202; *Syst. Rhyn.* 277—Reduvius? varius, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 287.

Australia.

Div. 2.

143. Harpactor attelaboides.

Reduvius attelaboides, *Fabr. Ent. Syst.* iv. 199—Zelus attelaboides, *Fabr. Syst. Rhyn.* 284—Reduvius? attelaboides, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 287.

Australia.

Div. 3.

Havinthus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvii. 363.

144. Harpactor pentatoma.

Harpactor pentatoma, *H.-Sch. Wanz. Ins.* ix. 124—Havinthus pentatoma, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvii. 363.

145. Harpactor longiceps.

Havinthus longiceps, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvii. 364.

Australia.

Div. 4.

Saxitius, *Stal*, *Ofv. K. Vet. Ah. Forh.* xvii. 364.

146. Harpactor generosus.

Saxitius generosus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvii. 344.

Australia.

Div. 5.

Coranus, *Curt.*

147. Harpactor erythræus.

Colliocoris erythræus, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 46.

a. Australia.

Div. 6.

Catasphactes, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 287.

148. Harpactor pyrrhopterus.

Catasphactes pyrrhopterus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 288.

Melbourne.

149. Harpactor coprias.

Reduvius coprias, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 39—Catasphactes coprias, *Stal*, *Ofv. K. V. Ak. Forh.* xxiii. 288.

a. Sydney.

Div. 7.

Gminatus, *Stal*, *Ofv. K. V. Ak. Forh.* xvii. 364.

150. Harpactor Wallengreni.

Gminatus Wallengreni, *Stal*, *Ofv. K. V. Ak. Forh.* xvii. 365.

Australia.

151. Harpactor Australis.

Arilus Australis, *Erichs.*—Gminatus Australis, *Stal. Ofv. K. V. Ak. Forh.* xvii. 365.

Australia.

152. Harpactor lictor.

Gminatus lictor, *Stal*, *Ofv. K. V. Ak. Forh.* xvii. 365.

Australia.

Genus 12. AMPHIBOLUS.

Amphibolus, *Klug*, *Sym. Phys.* 11. *Stal*, *Hem. Afr.* 116, 75.

1. Amphibolus venator.

Pachynomus (Amphibolus) venator, *Klug*, *Symb. Phys.* pl. 9, f. 10—Amphibolus venator, *Stal*, *Hem. Afr.* iii. 75.

Dongala.

Genus 13. ACANTHISCIUM.

Acanthiscium, *Serv. Hist. Hem.* 366.

1. Acanthiscium maculatum.

maculatum, *Serv. Hist. Hem.* 367. *Stal*, *Ofv. K. V. Ak. Forh.* xxiii. 297.

North Brazil.

2. Acanthiscium Haglundi.

Haglundi, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 297.

Amazon Region.

3. Acanthiscium dimidiatum.

——— ———, *Stoll*, *Pun.* 122, f. 216—Acanthiscium dimidiatum, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 377.

Surinam?

Genus 14. DICROTELUS.

Dicrotelus, *Erichs. Wiegm. Arch.* viii. 284—Dicrotelida, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 366.

Div. 1.

Dicrotelus, *Stal*, *Hem. Fabr.* i. 98.

1. Dicrotelus prolixus.

prolixus, *Erichs. Wiegm. Arch.* viii. 284.

Tasmania.

Div. 2.

Nyllius, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 365; *Hem. Fabr.* i. 98.

2. Dicrotelus asperatus.

Nyllius asperatus, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 366.

Australia.

Genus 15. EUAGORAS.

Evagoras, *Burm. Handb. Ent.* ii. 226. *Serv. Hist. Hem.* 368.

America.

Div. 1.

Zelus, *Stal*, *Ent. Zeit. Stett.* xxiii. 249.

1. Euagoras longipes.

——— ———, *Gronov. Zooph.* 709—Cimex longipes, *Linn. Syst. Nat.* i. 2, 724—Reduvius longipes, *Fabr. Ent. Syst.* iv. 283—Zelus longipes, *Fabr. Syst. Rhyn.* 283—Reduvius rubidus, *St. Farg. et Serv. Enc.* x. 278—Evagoras rubidus, *Serv. Hist. Hem.* 368—Evagoras speciosus, *H.-Sch. Wanz. Ins.* viii. 45, pl. 264, f. 818—Zelus bilobus, *Say*, *Works ed. Leconte*, i. 306—Evagoras tricolor, *H.-Sch. Wanz. Ins.* viii. 45, pl. 264, f. 817—Evagoras speciosus, *Burm. Handb. Ent.* ii. 227—Zelus longipes, *Stal*, *Stett. Ent. Zeit.* xxiii. 449.

North America:

a. Mexico. Presented by E. P. Coffin, Esq.
b, *c*. St. Domingo. From Mr. Tweedie's collection.

d. Venezuela. From Mr. Birschell's collection.
e. Columbia. From M. Goudot's collection.
f. Honduras. From Mr. Dyson's collection.
g—i. ———?

Div. 2.

Evagoras, *Stal*.

2. Euagoras plebeius.

plebeius, *Stal*, *Rio Jan. Hem.* 74.
Rio Janeiro.

3. Euagoras prolixus.

prolixus, *Stal*, *Rio Jan. Hem.* 74.
Rio Janeiro.

4. Euagoras rubidus.

Reduvius (Evagoras) rubidus, *Guér. Sagra Hist. Cuba*, *Ins.* 411.
Cuba.

5. Euagoras modestus.

modestus, *Stal*, *Rio Jan. Hem.* 74.
Rio Janeiro.

6. Euagoras trimaculicollis.

trimaculicollis, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 189.
Brazil.

7. Euagoras nigricornis.

nigricornis, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 189.
Minas Geraes.

8. Euagoras pallescens.

Evagoras pallescens, *H.-Sch. Wanz. Ins.* ix. 123.
Brazil.

9. Euagoras versicolor.

Evagoras versicolor, *H.-Sch. Wanz. Ins.* viii. 46, pl. 264, f. 820.
a. Columbia. From M. Goudot's collection.

Africa.

Div. 1.

Vestula, *Stal*, *Hem. Afr.* iii. 65.

10. Euagoras lineaticeps.

lineaticeps, *Sgnt. Arch. Ent.* ii. 327—Darbanus rugulosissimus, *Stal*, *Ofv. K. V. Ak. Forh.* xv. 447—Vestula lineaticeps, *Stal*, *Hem. Afr.* iii. 65.
Old Calabar.

11. Euagoras pauper.

Vestula paupera, *Stal*, *Hem. Afr.* iii. 66.

Calabar.

This and the following may be varieties of E. lineaticeps.

12. Euagoras obscuripes.

Vestula obscuripes, *Stal*, *Hem. Afr.* iii. 46.

Guinea.

Div. 2.

Pisilus, *Stal*, *Ofv. K. V. Ak. Forh.* xv. 447; *Hem. Afr.* iii. 66.

13. Euagoras tipuliformis.

Gerris tipuliformis, *Fabr. Ent. Syst.* iv. 190—Reduvius elongatus, *Fabr. Ent. Syst.* iv. 208—Zelus tipuliformis, *Fabr. Syst. Rhyn.* 283—Zelus elongatus, *Fabr. Syst. Rhyn.* 270—Zelus marginalis, *Pal. Beauv. Ins.* 66; *Hém.* pl. 2, f. 6—Euagoras nigripes, *Sgnt. Arch. Ent.* ii. 326—Euagoras marginatus, *Sgnt. Arch. Ent.* ii. 326—Pisilus marginalis, *Stal*, *Ofv. K. V. Ak. Forh.* xv. 447—Pisilus tipuliformis, *Stal*, *Hem. Afr.* iii. 67.

Guinea. Old Calabar.

a—*c*. Sierra Leone. Presented by the Rev. D. F. Morgan.

Div. 3.

Archilochus, *Stal*, *Hem. Afr.* iii. 56.

14. Euagoras quadridens.

Reduvius quadridens, *Fabr. Ent. Syst.* iv. 200; *Syst. Rhyn.* 272—Pristhesancus quadridens, *Sgnt. Rev. Zool.* 1851, 448, pl. 12, f. 7 (P. lateralis)—Euagoras? trux, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 189—Laphyctes trux, *Stal*, *Ent. Zeit. Stett.* xxii. 136—Archilochus quadridens, *Stal*, *Hem. Afr.* iii. 56.

Sierra Leone. Gabon.

15. Euagoras pudens.

Laphyctes pudens, *Stal*, *Hem. Afr.* iii. 57.

Natal.

Div. 4.

Laphyctes, *Stal*, *Ofv. K. V. Ak. Forh.* x. 263; *Hem. Afr.* iii. 57.

16. Euagoras pallidus.

Laphyctes pallidus, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 44; *Hem. Afr.* iii. 57.

Natal.

South Asia and Eastern Isles.

Div. 1.

Velinus, *Stal, Ofv. K. V. Ak. Forh.* xxiii. 689.

17. Euagoras nigrigenu.

nigrigenu, *Serv. Hist. Hem.* 369. *Stal, Ofv. K. V. Ak. Forh.* xvi. 204.
Java.

Div. 2.

Lamprosphodrus, *Stal, Ofv. K. V. Ak. Forh.* xxvii. 689.

18. Euagoras nobilis.

nobilis, *Stal, Ofv. K. V. Ak. Forh.* xxvii. 610.
Philippine Isles.

19. Euagoras bispinosus.

Zelus bispinosus, *Fabr. Syst. Rhyn.* 287—Euagoras bispinosus, *Stal, Hem. Fabr.* i. 101.
Nova Cambria.

20. Euagoras atripes.

atripes, *Stal, A. S. E. F.* 4*me Sér.* iii. 28.
Batchian.

21. Euagoras Asseda.

Asseda, *Stal, A. S. E. F.* 4*me Sér.* iii. 27.
a. Ceram. From Madame Ida Pfeiffer's collection.

22. Euagoras dolosus.

dolosus, *Stal, A. S. E. F.* 4*me Sér.* iii. 28.
a, *b*. Ké. From Mr. Wallace's collection.

Div. 3.

Endochus, *Stal, Ofv. K. V. Ak. Forh.* xvi. 194; *Hem. Afr.* iii. 51.

23. Euagoras albomaculatus.

Endochus albomaculatus, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 194.
Ceylon.

24. Euagoras nebulo.

Endochus nebulo, *Stal, A. S. E. F.* 4*me Sér.* iii. 27.
North China.

25. Euagoras famulus.

Endochus famulus, *Stal, A. S. E. F.* 4*me Sér.* iii. 27.
a. North Hindostan. From Capt. Reid's collection.

26. Euagoras cingalensis.

Endochus cingalensis, *Stal*, *Stett. Ent. Zeit.* xxii. 135.

Ceylon.

27. Euagoras consors.

Endochus consors, *Stal*, *Stett. Ent. Zeit.* xxii. 135.

Ceylon.

28. Euagoras atrispinus.

Endochus atrispinus, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 26.

a. Hindostan. From Archdeacon Clerk's collection.
b. Sumatra. From Sir S. Raffles' collection.

29. Euagoras thoracicus.

Endochus thoracicus, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 26.

New Guinea.

a. Celebes. From Mr. Wallace's collection.

30. Euagoras dichrous.

Endochus dichrous, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 26.

Silhet.

31. Euagoras nigricornis.

Endochus nigricornis, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 194.

Java.

~~32. Euagoras albomaculatus.~~ = no. 23.

~~Endochus albomaculatus, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 194.~~

~~Ceylon.~~

Div. 4.

Isyndus, *Stal.*

33. Euagoras heros.

Zelus heros, *Fabr. Syst. Rhyn.* 285—Isyndus heros, *Stal*, *Hem. Fabr.* i. 101.

Malacca. Sumatra.

34. Euagoras reticulatus.

Isyndus Heros, *Stal*, *Ofv. K. Vet. Ak. Forh.* xv. 445—Isyndus reticulatus, *Stal*, *Hem. Fabr.* i. 101.

35. Euagoras Ulysses.

Isyndus Ulysses, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 28.

Laos.

36. Euagoras obscurus.

Isyndus obscurus, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 28.

Japan.

a. North China. From Mr. Fortune's collection.

Div. 5.

Epidaus, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 193.

37. Euagoras latispinus.

Epidaus latispiuus, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 25.

Malacca.

a. Sumatra. From Sir S. Raffles' collection.

38. Euagoras conspersus.

Epidaus conspersus, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 26.

a. Hindostan. From Archdeacou Clerk's collection.

39. Euagoras furculatus.

Epidaus furculatus, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 25.

a. Sarawak. From Mr. Wallace's collection.

40. Euagoras validispinus.

Epidaus validispinus, *Stal*, *A. S. E. F.* 4*me Sér.* iii. 25.

a. Malacca. From Mr. Wallace's collection.

41. Euagoras transversus.

Zelus transversus, *Burm. Meyen's Reise*, 427—Epidaus transversus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 193.

a. Philippine Isles. From Mr. Cuming's collection.

42. Euagoras maculiger.

Epidaus maculiger, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 193.

Philippine Isles.

Div. 6.

Rihirbus, *Stal*, *Stett. Ent. Zeit.* xxii. 131.

43. Euagoras trochantericus.

Rihirbus trochantericus, *Stal*, *Stett. Ent. Zeit.* xxii. 132.

Ceylon.

Div. 7.

Gen. Sphactes. Subgen. Sphactes, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 687.

44. Euagoras hemiochrus.

Sphactes (S.) hemiochrus, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 688.

Philippine Isles.

Div. 8.

Gen. Sphactes. Subgen. Lissonyctes, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 688.

45. Euagoras politus.

Sphactes (L.) politus, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 688.

Philippine Isles.

Australia.

Div. 1.

Pnirsus, *Stal*, *Ofv. K. V. Ak. Forh.* xvii. 364.

46. Euagoras notaticollis.

Pnirsus notaticollis, *Stal*, *Ofv. K. V. Ak. Forh.* xvii. 364.

Australia.

Genus 16. ISOCONDYLUS.

Isocondylus, *Serv. Hist. Hem.* 369.

1. Isocondylus elongatus.

Reduvius elongatus, *St. Farg. et Serv. Enc.* x. 278—Isocondylus elongatus, *Serv. Hist. Hem.* 369.

Brazil.

2. Isocondylus fuscipes.

fuscipes, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 189.

Mexico.

Genus 17. DIPLODUS.

Diplodus, *Serv. Hist. Hem.* 370.

1. Diplodus armillatus.

Reduvius armillatus, *St. Farg. et Serv. Enc.* x. 278—Diplodus armillatus, *Serv. Hist. Hem.* 370.

a, *b*. Brazil.

2. Diplodus Brasiliensis.

Reduvius brasiliensis, *St. Farg. et Serv. Enc.* x. 270—Diplodus brasiliensis, *Serv. Hist. Hem.* 370.

Brazil.

3. Diplodus luridus.

Zelus luridus, *Stal*, *Stett. Ent. Zeit.* xxiii. 452.
Carolina.

4. Diplodus ruficeps.

Zelus ruficeps, *Stal*, *Stett. Ent. Zeit.* xxiii. 453.
Mexico.

5. Diplodus tetracanthus.

Zelus (Pindus) tetracanthus, *Stal*, *Stett. Ent. Zeit.* xxiii. 454.
Mexico.

6. Diplodus exsanguis.

Zelus exsanguis, *Stal*, *Stett. Ent. Zeit.* xxiii. 452.
Mexico.

7. Diplodus Janus.

Zelus Janus, *Stal*, *Stett. Ent. Zeit.* xxiii. 452.
Mexico.

8. Diplodus ambulans.

Zelus ambulans, *Stal*, *Stett. Ent. Zeit.* xxiii. 451.
Mexico.

9. Diplodus litigiosus.

Zelus litigiosus, *Stal*, *Stett. Ent. Zeit.* xxiii. 453.
Mexico.

10. Diplodus mimus.

Zelus mimus, *Stal*, *Stett. Ent. Zeit.* xxiii. 451.
Mexico.

11. Diplodus umbratilis.

Zelus umbratilis, *Stal*, *Stett. Ent. Zeit.* xxiii. 451.
Mexico.

12. Diplodus grassans.

Zelus grassans, *Stal*, *Stett. Ent. Zeit* xxiii. 450.
Mexico.

13. Diplodus nugax.

Zelus nugax, *Stal*, *Stett. Ent. Zeit.* xxiii. 450.
Mexico.

14. Diplodus cognatus.

cognatus, *Costa*, *Ann. Mus. Zool. Nap.* ii. 81.

Mexico.

15. Diplodus mactans.

Zelus mactans, *Stal*, *Stett. Ent. Zeit.* xxiii. 148.

Cuba.

16. Diplodus dispar.

Zelus dispar, *Fabr. Syst. Rhyn.* 291—Diplodus dispar, *Stal*, *Hem. Fabr.* i. 109.

South America.

17. Diplodus erythrocephalus.

Zelus erythrocephalus, *Fabr. Syst. Rhyn.* 283—Euagoras erythrocephalus, *Burm. Handb. Ent.* ii. 227—Diplodus erythrocephalus, *Stal*, *Hem. Fabr.* i. 110.

South America.

18. Diplodus pedestris.

Zelus pedestris, *Fabr. Syst. Rhyn.* 288—Diplodus pedestris, *Stal*, *Hem. Fabr.* i. 109.

South America.

19. Diplodus Sphegeus.

Zelus Sphegeus, *Fabr. Syst. Rhyn.* 287—Diplodus Sphegeus, *Stal*, *Hem. Fabr.* i. 109.

South America.

20. Diplodus subfasciatus.

subfasciatus, *Stal*, *Rio Jan. Hem.* 75.

Rio Janeiro.

21. Diplodus obscuridorsis.

obscuridorsis, *Stal*, *Rio Jan. Hem.* 75.

Rio Janeiro.

22. Diplodus conjungens.

conjungens, *Stal*, *Rio Jan. Hem.* 75.

Rio Janeiro.

23. Diplodus guttifer.

guttifer, *H.-Sch. Wanz. Ins.* viii. 36, pl. f. 810. *Stal, Rio Jan. Hem.* 74.
Rio Janeiro.

24. Diplodus nigrispinus.

Euagoras nigrispinus, *H.-Sch. Wanz. Ins.* viii. 47, pl. 263, f. 816.
Rio Janeiro.

25. Diplodus annulosus.

annulosus, *Stal, Ofv. K. Vet. Ak. Forh.* xxiii. 299.
Amazon Region.

26. Diplodus plagiatus.

plagiatus, *Sgnt. A. S. E. F.* 4*me Sér.* ii. 585.
Jurimaguas, Peru.

Country unknown.

27. Diplodus varius.

Euagoras varius, *H.-Sch. Wanz. Ins.* ix. 122.

Div. 2.

Hygromystes, *Stal, Rio Jan. Hem.* 75.

28. Diplodus lautus.

Hygromystes lautus, *Stal, Rio Jan. Hem.* 75.
Rio Janeiro.

Genus 18. DARBANUS.

Darbanus, *Serv. Hist. Hem.* 370.

1. Darbanus plagiatus.

Zelus plagiatus, *Burm. Meyen's Reise*, 427—Darbanus nigrolineatus, *Serv. Hist. Hem.* 371—Darbanus plagiatus, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 194—Euagoras plagiatus, *Stal, Stett. Ent. Zeit.* xxii. 136.
Java. Manilla.

Div. 2.

2. Darbanus fuscispinus.

Darbanus fuscispinus, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 194—Euagoras fuscispinus, *Stal, Stett. Ent. Zeit.* xxii. 135.
Ceylon.

3. Darbanus laticornis.

Euagoras laticornis, *H.-Sch. Wanz. Ins.* ix. 123, pl. 309, f. c.

Brazil.

Genus 19. PASSALEUTES.

Passaleutes, *Serv. Hist. Hem.* 371.

1. Passaleutes geniculatus.

Reduvius geniculatus, *St. Farg. et Serv. Enc.* x. 27—Passaleutes geniculatus, *Serv. Hist. Hem.* 371.

South America.

Genus 20. SAICA.

Saica, *Serv. Hist. Hem.* 371.

Div. 1. Saicina, *Stal.*

1. Saica rubella.

rubella, *Serv. Hist. Hem.* 372.

Cayenne.

2. Saica fuscipes.

fuscipes, *Stal, Stett. Ent. Zeit.* xxiii. 441.

Mexico.

3. Saica tibialis.

tibialis, *Stal, Stett. Ent. Zeit.* xxiii. 441.

Mexico.

4. Saica fuscovittata.

fuscovittata, *Stal, Eug. Resa*, 262.

Philippine Isles.

5. Saica longipes.

longipes, *Stal, Ofv. K. V. Ak. Forh.* xxvii. 701.

Philippine Isles.

6. Saica triacantharis.

Zelus triacantharis, *Fabr. Syst. Rhyn.* 290 — Saica triacantharis, *Stal, Hem. Fabr.* i. 130.

Australia.

7. Saica recurvata.

Zelus recurvatus, *Fabr. Syst. Rhyn.* 286—Saica recurvata, *Stal, Hem. Afr.* i. 129.

South America.

8. Saica acanthophora.

Ploiaria acanthifera, *Mtrz. A. S. E. F.* 4*me Sér.* i. 70—Saica acanthophora, *Stal, A. S. E. F.* 4*me Sér.* iv. 59.

Lifu.

Div. 2.

Bactrodida, *Stal, Stett. Ent. Zeit.* xxiii. 442—Bactrodes, *Stal.*

9. Saica spinulosa.

Bactrodes spinulosus, *Stal, Stett. Ent. Zeit.* xxiii. 442.

Mexico.

10. Saica femorata.

Zelus femoratus, *Fabr. Syst. Rhyn.* 291—Bactrodes femoratus, *Stal, Hem. Fabr.* i. 130.

South America.

Div. 3.

Tagalis, *Stal, Rio Jan. Hem.* 76.

11. Saica inornata.

Tagalis inornata, *Stal, Rio Jan. Hem.* 76.

Rio Janeiro.

Genus 21. MYOCORIS.

Myocoris, *Burm. Handb. Ent.* ii. 226; *Trans. Ent. Soc. Lond.* ii. 104. *Serv. Hist. Hem.* 372.

Div. 1.

Cosmonyttus, *Stal, Ofv. K. V. Ak. Forh.* xxiii. 295.

1. Myocoris nigriceps.

nigriceps, *Burm. Handb. Ent.* ii. 226; *Trans. Ent. Soc. Lond.* ii. 105.

Bahia.

a. ——— ?

2. Myocoris tipuliformis.

tipuliformis, *Burm. Trans. Ent. Soc. Lond.* ii. 105.

Rio Janeiro.

3. Myocoris rubrithorax.

rubrithorax, *Serv. Hist. Hem.* 372.

Cayenne.

Div. 2.

Rocconota, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 370.

4. Myocoris ichneumoneus.

Zelus ichneumoneus, *Fabr. Syst. Rhyn.* 286—Cosmonyttus ichneumoneus, *Stal, Hem. Fabr.* i. 103.

Brazil.

5. Myocoris sextuberculatus.

Rocconota sextuberculata, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 370.

Brazil.

6. Myocoris sexdentatus.

Rocconota sexdentata, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 370.

Columbia.

Div. 3.

Hiranetis, *Spin.*

7. Myocoris pompiloides.

pompiloides, *Klug, Burm. Trans. Ent. Loc. Lond.* ii. 106—Hiranetis pompiloides, *Stal.*

Cameta.

8. Myocoris Braconiformis.

———, *Stoll, Pun.* pl. 21, f. 147—Myocoris Braconiformis, *Klug, Burm. Handb. Ent.* ii. 226; *Trans. Ent. Soc. Lond.* ii. 107—Hiranetis Braconiformis, *Stal.*

Para.

9. Myocoris barbipes.

barbipes, *Burm. Trans. Ent. Soc. Lond.* ii. 197—membranaceus, *Spin.*—Hiranetis barbipes, *Stal.*

Rio Janeiro.

10. Myocoris subannulatus.

Hiranetis subannulata, *Stal, Rio Jan. Hem.* 77.

Rio Janeiro.

11. Myocoris simulans.

Hiranetis simulans, *Stal, Rio Jan. Hem.* 77.

Rio Janeiro.

12. Myocoris Dama.

Dama, *Klug*, *Burm. Trans. Ent. Soc. Lond.* ii. 105—Hiranetis Dama, *Stal.*

Para.

13. Myocoris personatus.

personatus, *Burm. Handb. Ent.* ii. 106—Hiranetis personata, *Stal.*

Para.

Div. 4.

Graptocleptes, *Stal*, *Ofv. K. V. Ak. Forh.* xxiii. 294.

14. Myocoris gastricus.

Hiranetis gastrica, *Stal*, *Rio Jan. Hem.* 76.

Rio Janeiro.

15. Myocoris fasciatus.

Reduvius fasciatus, *Fabr. Ent. Syst.* iv. 207—Zelus fasciatus, *Fabr. Syst. Rhyn.* 288—Myocoris gracilis, *Burm. Trans. Ent. Soc.* ii. 2, 106, pl. 11, f. 5—Graptocleptes fasciatus, *Stal*, *Hem. Fabr.* i. 103.

Cayenne. Bahia.

16. Myocoris fuscoapicatus.

Hiranetis fusco-apicata, *Stal*, *Rio Jan. Hem.* 76.

Rio Janeiro.

17. Myocoris flavidatus.

Hiranetis flavidata, *Stal*, *Rio Jan. Hem.* 76.

Rio Janeiro.

18. Myocoris ornaticeps.

Hiranetis ornaticeps, *Stal*, *Rio Jan. Hem.* 77.

Rio Janeiro.

19. Myocoris hæmatogaster.

Hiranetis hæmatogastra, *Stal*, *Rio Jan. Hem.* 77.

Rio Janeiro.

20. Myocoris sanguiniventris.

Hiranetis sanguiniventris, *Stal*, *Stett. Ent. Zeit.* xxiii. 448.

Mexico.

21. Myocoris simulans.

Hiranetis simulans, *Stal*, *Rio Jan. Hem.* 77.

Rio Janeiro.

Div. 5.

Amaurosphodrus, *Stal, Ofv. K. V. Ak. Forh.* xxiii. 295.

22. Myocoris bicolor.

bicolor, *Burm. Trans. Ent. Soc. Lond.* ii. 107.

Brazil.

Div. 6.

Spinda, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 371.

23. Myocoris trinotatus.

Spinda trinotata, *Stal, Ofv. K. Vet. Ak. Forh.* xxiii. 297.

Mexico.

24. Myocoris spissicornis.

Hiranetis spissicornis, *Stal, Rio Jan. Hem.* 77—Spinda spissicornis, *Stal.*

Rio Janeiro.

Div. 7.

Cutocoris, *Stal, Ofv. K. V. Ak. Forh.* xvii. 374.

25. Myocoris gilvus.

gilvus, *Klug, Burm. Trans. Ent. Soc. Lond.* ii. 104—Cutocoris gilvus, *Stal.*

Ceylon. Sumatra. Java.

26. Myocoris melanopus.

Cutocoris melanopus, *Stal, Ofv. K. V. Ak. Forh.* xvii. 374.

Java.

Genus 22. ZELUS.

Zelus, *Fabr. Burm. Handb. Ent.* ii. 225. *Serv. Hist. Hem.* 373.

America.

Div. 1.

Ricolla, *Stal, Ofv. K. V. Ak. Forh.* xvii. 367.

1. Zelus quadrispinosus.

Cimex quadrispinosus, *Linn. Syst. Nat.* ii. 720. *Deg. Ins.* iii. 347, pl. 35, f. 7—Alydus quadrispinosus, *Fabr. Syst. Rhyn.* 251—Zelus coronatus, *Fabr. Syst. Rhyn.* 289. *Burm. Handb. Ent.* ii. 225—Zelus quadrispinosus, *Blanch. Hist. Nat. Ins.* iii. 101. *Serv. Hist. Hem.* 373.

Cayenne.

a—c. Brazil.

2. Zelus pallidinervis.

Ricolla pallidinervis, *Stal*, *Ofv. K. V. Ak. Forh.* xvii. 367.
Caraccas.

3. Zelus simillimus.

Ricolla simillima, *Stal*, *Ofv. K. V. Ak. Forh.* xvii. 367.
Mexico.

Div. 2.

Doldina, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 368.

4. Zelus carinulatus.

Doldina carinulata, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 368.
Brazil.

Div. 3.

Repipta, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvii. 369.

5. Zelus lineatus.

lineatus, *Serv. Hist. Hem.* 373—Repipta lineata, *Stal.*

6. Zelus flavicans.

flavicans, *Serv. Hist. Hem.* 374—lateralis, *H.-Sch. Wanz. Ins.* ix. 120—Repipta flavicans, *Stal.*
Brazil. Cayenne.

7. Zelus coccineus.

coccineus, *H.-Sch. Wanz. Ins.* ix. 120—Repipta coccinea, *Stal.*
Brazil.

8. Zelus fuscospinosus.

Repipta fuscospinosa, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 367.
Brazil.

9. Zelus fuscomarginatus.

Repipta fuscomarginata, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 369.
Brazil.

10. Zelus lepidulus.

Repipta lepidula, *Stal*, *Ofv. K. V. Ak. Forh.* xxiii. 296.
Amazon Region.

11. Zelus sexdens.

Zelus sexdens, *Fabr. Syst. Rhyn.* 287—Repipta sexdens, *Stal, Hem. Fabr.* i. 102.

South America.

12. Zelus plagiaticollis.

Castolus plagiaticollis, *Stal, Ofv. K. V. Ak. Forh.* xv. 447—Repipta plagiaticollis, *Stal, Stett. Ent. Zeit.* xxiii. 447.

Mexico.

13. Zelus nigronotatus.

Repipta nigronotata, *Stal, Stett. Ent. Zeit.* xxiii. 447.

Mexico.

14. Zelus Taurus.

Zelus Taurus, *Fabr. Syst. Rhyn.* 291—Zelus lineatus, *Serv. Hist. Hem.* 373—Repipta Taurus, *Stal, Stett. Ent. Zeit.* xxiii. 446.

North America. Mexico.

15. Zelus tuberculiger.

Repipta tuberculiger, *Stal, Stett. Ent. Zeit.* xxiii. 447.

Mexico.

16. Zelus subinermis.

Repipta subinermis, *Stal, Stett. Ent. Zeit.* xxiii. 447.

Mexico.

17. Zelus fuscipes.

Isocondylus fuscipes, *Stal, Ofv. K. Vet. Ak. Forh.* xii. 189—Repipta fuscipes, *Stal, Stett. Ent. Zeit.* xxiii. 446.

Mexico.

18. Zelus spinosus.

Zelus spinosus, *Fabr. Syst. Rhyn.* 290—Repipta spinosa, *Stal, Hem. Fabr.* i. 102.

South America.

Div. 4.

Phorobura, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 368.

19. Zelus crassicornis.

crassicornis, *Burm. Handb. Ent.* ii. 225.

Monte Video.

20. Zelus fuscomarginatus.

Zelus fuscomarginatus, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 369.
Brazil.

21. Zelus ignobilis.

Phorobura ignobilis, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 1859, 368.
Perambuco.

22. Zelus rusticus.

Phorobura rustica, *Stal, Ofv. K. V. Ak. Forh.* xvi. 368.
Brazil.

Div. 5.

Corcia, *Stal, Ofv. K. V. Ak. Forh.* xvii. 368.

23. Zelus Columbicus.

Corcia Columbica, *Stal, Ofv. K. Vet. Ak. Forh.* xvii. 369.
New Granada.

24. Zelus capitatus.

Corcia capitata, *Stal, Ofv. K. V. Ak. Forh.* xvii. 369.
New Granada.

Div. 6.

Pirnonota, *Stal, Ofv. K. V. Ak. Forh.* xvii. 369.

25. Zelus convexicollis.

Pirnonota convexicollis, *Stal, Ofv. K. V. Ak. Forh.* xvii. 370.
Rio Janeiro.

26. Zelus macilentus.

———, *Stoll, Pun.* pl. 27, f. 192—Zelus macilentus, *Burm. Handb. Ent.* ii. 225.
Para.

27. Zelus means.

means, *Fabr. Syst. Rhyn.* 282. *Stal, Hem. Fabr.* i. 107.
South America.

28. Zelus vagans.

vagans, *Fabr. Syst. Rhyn.* 284. *Stal, Hem. Fabr.* i. 108.
South America.

29. Zelus errans.

errans, *Fabr. Syst. Rhyn.* 282. *Stal, Hem. Fabr.* i. 108—cursitans, *Fabr. Syst. Rhyn.* 284.

South America.

Div. 7.

Ischnoclopius, *Stal, Hem. Fabr.* i. 106.

30. Zelus festinans.

festinans, *Fabr. Syst. Rhyn.* 281—Ischnoclopius festinans, *Stal, Hem. Fabr.* i. 107.

South America.

Div. 8.

Nagusta, *Stal, Ofv. K. V. Ak. Forh.* xvii. 374; *Hem. Afr.* iii. 59.

31. Zelus rugulosus.

Nagusta rugulosa, *Stal, Ofv. K. V. Ak. Forh.* xvii. 375.

Brussa. Mermeriza.

32. Zelus punctaticollis.

Nagusta punctaticollis, *Stal, Hem. Afr.* iii. 59.

Senegal.

33. Zelus præcatorius.

Gerris præcatorius, *Fabr. Ent. Syst.* iv. 190—Zelus præcatorius, *Fabr. Syst. Rhyn.* 283—Nagusta præcatoria, *Stal, Hem. Fabr.* i. 100.

Guinea.

Div. 9.

Polididus, *Stal, Ofv. K. V. Ak. Forh.* xvii. 375.

34. Zelus armatissimus.

Polididus armatissimus, *Stal, Ofv. K. V. Ak. Forh.* xvii. 376.

Ceylon.

Div. 10.

Dalytra, *Stal.*

35. Zelus rapax.

rapax, *Stal, Eug. Resa*, 262—Dalytra rapax, *Stal.*

Philippine Isles.

Div. 11.

Debilia, *Stal*, *Ofv. K. V. Ak. Forh.* xvii. 375.

This division with Alcmena constitutes Alcmenida, *Stal.*

36. Zelus fusciventris.

Debilia fusciventris, *Stal*, *Ofv. K. V. Ak. Forh.* xvii. 375.

Brazil?

Div. 12.

Amaurosphodrus, *Stal.*

37. Zelus albo-annulatus.

Zelus albomaculatus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xii. 189—Amaurosphodrus albo-annulatus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xxiii. 297.

Mexico. New Granada.

Div. ?

38. Zelus obscuripes.

obscuripes, *Stal*, *Rio Jan. Hem.* 77.

Rio Janeiro.

39. Zelus ochraceus.

ochraceus, *H.-Sch. Wanz. Ins.* ix. 121.

Brazil.

40. Zelus anticus.

anticus, *Stal*, *Rio Jan. Hem.* 78.

Rio Janeiro.

41. Zelus macer.

macer, *Stal*, *Rio Jan. Hem.* 78.

Rio Janeiro.

42. Zelus longus.

longus, *Stal*, *Rio Jan. Hem.* 78.

Rio Janeiro.

43. Zelus pilicornis.

pilicornis, *Stal*, *Rio Jan. Hem.* 78.

Rio Janeiro.

44. Zelus Sahlbergi.

Sahlbergi, *Stal*, *Rio Jan. Hem.* 78.

Rio Janeiro.

45. Zelus clavatus.

clavatus, *Guér. Sagra, Hist. Cuba, Ins.* 412, pl. 13, f. 13.
Cuba.

46. Zelus varipes.

varipes, *H.-Sch. Wanz. Ins.* ix. 121.
Brazil.

47. Zelus marginatus.

marginatus, *Mtrz. Ann. Sci. Phy. et Nat. 2me Sér.* vii. 1, 110.
Woodlark.

Genus 23. ATRACHELUS.

Atrachelus, *Serv. Hist. Hem.* 374.

1. Atrachelus heterogeneus.

heterogeneus, *Serv. Hist. Hem.* 374, pl. 7, f. 4.
North America.

2. Atrachelus curvidens.

curvidens, *Sgnt. A. S. E. F. 4me Sér.* iii. 580.
Chili.

Genus 24. HEZA.

Heza, *Serv. Hist. Hem.* 374—Hezina, *Stal.*

1. Heza binotata.

Reduvius binotatus, *St. Farg. et Serv. Enc.* x. 277—Heza binotata, *Serv. Hist. Hem.* 375. *Stal, Hem. Fabr.* i. 100.
Brazil.

2. Heza octospinosa.

Zelus octospinosus, *Fabr. Syst. Rhyn.* 289—Zelus macilentus, *Burm. Handb. Ent.* ii. 1, 225—Heza macilenta, *Stal, Ofv. K. V. Ak. Forh.* xvi. 199—Heza octospinosa, *Stal, Hem. Fabr.* i. 99.
South America.

3. Heza similis.

similis, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 199; *Hem. Fabr.* i. 100.
Columbia.

4. Heza pulchripes.

pulchripes, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 199; *Hem. Fabr.* i. 100.
Porto Rico.

5. Heza sericans.

sericans, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 199; *Hem. Fabr.* i. 100.
Rio Janeiro.

6. Heza oculata.

oculata, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 200; *Hem. Fabr.* i. 100.
Cametà.

7. Heza insignis.

insignis, *Stal, Ofv. K. Vet. Ak. Forh.* xvi. 198; *Hem. Fabr.* i. 100.
Brazil.

8. Heza sphinx.

sphinx, *Stal, A. S. E. F.* 4*me Sér.* iii. 31; *Hem. Fabr.* i. 100.
a. Ega.

9. Heza multiannulata.

multiannulata, *Stal, Rio Jan. Hem.* 78; *Hem. Fabr.* i. 100.
Rio Janeiro.

10. Heza ferox.

ferox, *Stal, A. S. E. F.* 4*me Sér.* iii. 31.
a. Amazon Region.

11. Heza punctigera.

Zelus punctiger, *H.-Sch. Wanz. Ins.* ix. 121.

Genus 25. SINEA.

Sinea, *Serv. Hist. Hem.* 375.

Some of the American species have been distinguished as follows:—

Mexico.

A. Fore femora with a long spine above near the tips.
a. Fore lobe of the prothorax spiny.
* Fourth, fifth and sixth segments of the abdomen hardly in the male, distinctly in the female, roundly dilated. - - - - - multispinosa.
** Abdomen in the middle very slightly widened; fourth, fifth and sixth segments not dilated. - - integra.
b. Fore lobe of the prothorax granulated, sometimes with a few minute spines.
* Hind lobe of the prothorax obtusely bituberculate, granulated. - - - - - coronata.
** Hind lobe of the prothorax slightly convex, slightly impressed lengthwise in the middle.

† Side angles of the hind lobe of the prothorax extending outward. - - - - - - sanguisuga.
†† Side angles of the hind lobe of the prothorax extending hindward. - - - - - raptoria.
B. Fore femora with no long spines, but with a very slight tubercle above near the tips. - - - defecta.

1. SINEA MULTISPINOSA.

Cimex multispinosus, *Deg. Ins.* iii. 348—Reduvius diadema, *Fabr. Gen. Ins. Mant.* 302; *Sp. Ins.* ii. 382; *Mant. Ins.* ii. 313; *Ent. Syst.* iv. 206—Zelus diadema, *Fabr. Syst. Rhyn.* 286—Reduvius raptorius, *Say*, *Works ed. Leconte*, i. 72, pl. 36, f. 1—Sinea multispinosa, *Serv. Hist. Hem.* 375. *Stal*, *Stett. Ent. Zeit.* xxiii. 443.

North America. Mexico.

a—d. ——— ? Presented by F. Walker, Esq.

Div. 2.

2. SINEA PUNCTIPES.

punctipes, *Serv. Hist. Hem.* 376—Milyas punctipes, *Stal.*

Mexico. Cayenne.

3. SINEA ZEBRA.

Milyas Zebra, *Stal*, *Stett. Ent. Zeit.* xxiii. 448.

Mexico.

4. SINEA GRANULIGERA.

granuligera, *Stal*, *Rio Jan. Hem.* 79.

Rio Janeiro.

5. SINEA CORONATA.

coronata, *Stal*, *Stett. Ent. Zeit.* xxiii. 444.

Mexico.

6. SINEA SANGUISUGA.

sanguisuga, *Stal*, *Stett. Ent. Zeit.* xxiii. 444.

Mexico.

7. SINEA RAPTORIA.

raptoria, *Stal*, *Stett. Ent. Zeit.* xxiii. 444.

Mexico.

8. SINEA INTEGRA.

integra, *Stal*, *Stett. Ent. Zeit.* xxiii. 443.

Mexico.

9. Sinea defecta.

defecta, *Stal*, *Stett. Ent. Zeit.* xxiii. 445.
Mexico.

Div. 3.

Asera, *Stal*, *Stett. Ent. Zeit.* xxiii. 445.

10. Sinea tabida.

Asera tabida, *Stal*, *Stett. Ent. Zeit.* xxiii. 446.
Mexico.

Div. 4.

Acholla, *Stal*, *Stett. Ent. Zeit.* xxiii. 445.

11. Sinea sexspinosa.

Reduvius sexspinosus, *Wolff*, *Icon. Cim.* iii. 124, pl. 12, f. 118—Harpactor subarmatus, *H.-Sch. Wanz. Ins.* viii. 83, pl. 276, f. 852—Acholla sex spinosa, *Stal*, *Stett. Ent. Zeit.* xxiii. 445.
United States.

Div. 5.

Sindula, *Stal*, *Stett. Ent. Zeit.* xxii. 138.

12. Sinea granuligera.

Sinea granuligera, *Stal*, *Rio Jan. Hem.* 79—Sindala granuligera, *Stal*, *Stett. Ent. Zeit.* xxii. 139.
Rio Janeiro.

Div. 6.

Sclomina, *Stal*, *Stett. Ent. Zeit.* xxii. 137.

13. Sinea erinacea.

Sclomina erinacea, *Stal*, *Stett. Ent. Zeit.* xxii. 137.
Hong Kong.

14. Sinea hoplites.

hoplites, *Dohrn*, *Stett. Ent. Zeit.* xx. 406.
Ceylon.

15. Sinea peltastes.

peltastes, *Dohrn*, *Stett. Ent. Zeit.* xx. 406.
Ceylon.

Div. 7.

Scipinia, *Stal*, *Stett. Ent. Zeit.* xxii. 138.

16. Sinea horrida.

Sinea horrida, *Stal*, *Eug. Resa*, 263—Scipinia horrida, *Stal*, *Stett. Ent. Zeit.* xxii. 138.

Philippine Isles.

17. Sinea Javanensis.

Javanensis, *Serv. Hist. Hem.* 376.

Java.

Fam. 7. SACCODERIDÆ.

Saccoderidæ, *Serv. Hist. Hem.* 379.

Genus 1. SAVA.

Sava, *Serv. Hist. Hem.* 379.

1. Sava coronata.

coronata, *Serv. Hist. Hem.* 379.

Cayenne.

Genus 2. SACCODERES.

Saccoderes, *Spin. Hem.* 114. *Serv. Hist. Hem.* 380—Notocyrtus, *Hoffmansegg*, *H.-Sch. Wanz. Ins.* ix. 124.

Prof. Stal distinguishes the sections as follows in *Ofv. K. Vet. Ak. Forh.* xvi. 371.

A. Head transversely callous and elevated between the eyes, with two spines in front. Prothorax entire hindward, with a stout conical spine on each side at the tip. Fore femora more or less thick; fore tibiæ slightly curved, not thickened; hind tibiæ thickened. - - - Tripus, triarcatus, Camelus.

B. Head in front with two rather short conical spines, slightly raised before the eyes, tuberculate on each side beneath near the base. Prothorax with a short conical tubercle on each side at the tip; hind lobe much swollen, a little depressed, convex-tumid before the middle, impressed lengthwise, transversely impressed in the middle, forming a curved horn on each side just behind the middle; horn serrate hindward, tumid in the middle, more hindward, depressed and notched at the tips. Fore femora not thickened. Fore tibiæ much thickened from the tips beyond the middle; four hinder tibiæ more or less thickened from the base to the middle. - - - - - clavipes, cinctiventris.

C. Head in front with two erect spines of middle size, not elevated before the eyes, not swollen beneath near the base. Prothorax with a short thick conical spine on each side at the tip, in front with a tumid extension and impressed lengthwise, then concavely compressed, with a short obtuse horn on each side in the middle, compressed and narrowed hindward, lengthened obtuse and excavated above at the tip, slightly and transversely impressed before and behind the middle. Fore femora not thickened. Fore tibiæ slightly thickened towards the base; middle tibiæ more so; hind tibiæ gradually thickened from the base beyond the middle, then abruptly slender. flavolineatus, consimilis, pulvinatus, gibbus.

D. Head with two short obtuse spines in front, not tumid beneath at the base. Prothorax with a short conical spine on each side in front; hind lobe very tumid, twice concavely compressed on each side. Fore femora not thickened. Fore tibiæ very slightly thickened at the base; middle tibiæ more so; hind tibiæ still more so. fungosus, inflatus, excavatus.

1. Saccoderes inflatus.

Reduvius inflatus, *Perty*, *Del. An. Art.* 174, pl. 34, f. 12—Saccoderes inflata, *Serv. Hist. Hem.* 380, pl. 7, f. 1—Notocyrtus sexfoveolatus, *H.-Sch. Wanz. Ins.* ix. 124—Saccoderes sexfoveolatus, *Spin.* pl. 307, f. 944.

Cayenne.

2. Saccoderes vesiculosus.

Reduvius vesiculosus, *Perty*, *Del. An. Art.* 173, pl. 34, f. 11.

Brazil.

3. Saccoderes gibbus.

Reduvius gibbus, *Fabr. Syst. Rhyn.* 276—Saccoderes vesiculosus, *Serv. Hist. Hem.* 381—Notocyrtus gibbus, *Stal*, *Ofv. K. V. Ak. Forh.* xvi. 373; *Hem. Fabr.* i. 105.

South America.

4. Saccoderes clavipes.

Reduvius clavipes, *Fabr. Syst. Rhyn.* 276—Notocyrtus clavipes, *Burm. Handb. Ent.* ii. 227. *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 372.

South America.

5. Saccoderes fungosus.

Notocyrtus fungosus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 373.

Bahia.

6. Saccoderes excavatus.

Saccoderes excavatus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xi. 238; xvi. 374.

7. Saccoderes Dromedarius.

Notocyrtus Dromedarius, *Stal*, *Stett. Ent. Zeit.* xxiii. 449.
Mexico.

8. Saccoderes cinctiventris.

cinctiventris, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 372.
Brazil.

9. Saccoderes pulvinatus.

Notocyrtus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 373.
Parà.

10. Saccoderes Tripus.

Notocyrtus Tripus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 371.
Cametà.

11. Saccoderes triareatus.

Notocyrtus triareatus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 371.
Surinam.

12. Saccoderes Camelus.

Notocyrtus Camelus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 372.
Cametá.

13. Saccoderes flavolineatus.

Notocyrtus flavolineatus, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 373.
Parà.

14. Saccoderes consimilis.

Notocyrtus consimilis, *Stal*, *Ofv. K. Vet. Ak. Forh.* xvi. 373.
Bolivia.

15. Saccoderes sexfoveolatus.

Notocyrtus sexfoveolatus, *H.-Sch. Wanz. Ins.* ix. 124, pl. 307, f. 944.
Rio Janeiro.

16. Saccoderes fornicatus.

Zelus fornicatus, *Fabr. Syst. Rhyn.* 289.

17. Saccoderes dorsalis.

Reduvius dorsalis, *Gray*, *Griff. Anim. Kingd.* ii. 243, pl. 91, f. 2.
a. ——— ?

18. Saccoderes trinotatus.

trinotatus, *Costa*, *Ann. Mus. Zool. Nap.* ii. 140, pl. 2, f. 1.

Note.—The following genus was omitted by accident at the end of the Reduvidæ.

Genus 14. DIASPIDIUS

Diaspidius, *Westw. ed Drury, Ins.* iii. 59; *Trans. Ent. Soc. Lond.* iv. 121. *Stal, Hem. Afr.* iii. 99.

1. Diaspidius scapha.

Cimex scapha, *Drury, Ins.* iii. App.—Diaspidius scapha, *Westw. ed Drury, Ins.* iii. 59, pl. 43, f. 4. *Stal, Hem. Afr.* iii. 100.

Sierra Leone.

2. Diaspidius dilatatus.

dilatatus, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 962, pl. 14, f. 7. *Stal, Hem. Afr.* iii. 100.

Bourbon. Madagascar.

LONGICOXÆ.

Fam. 1. EMESIDÆ.

Emesidæ, *Serv. Hist. Hem.* 393—Emesoideæ, *Spin. Tav. Emitt.* 45—Ploarini, *Costa, Cim. Neap. Ceut.* iv. 66—Emesina, *Dohrn, Linn. Ent.* iv. 212—Emesida, *Stal, Hem. Afr.* iii. 162—Plœariina et Emesina, *Stal, Ofv. K. V. Ak. Forh.* xxvii. 702, 703.

A. Tarsi one-jointed.
a. Wings wanting, or not more than half as long as the abdomen.
* Fore femora cylindrical, not curved at the base. Trochanters not spiny.
† Body very long. Apical half of the fore femora toothed.
‡ Sides of the abdomen straight; segments from the fourth to the seventh not rounded nor swollen. - Emesa.
‡‡ Abdominal segments from the fourth to the seventh more or less rounded and swollen. - - Ghilianella.
†† Body rather short and robust. Fore femora toothed except at the base. - - - - Emesella.
** Fore femora not cylindrical, curved at the base. Trochanters with one spine. - - - - Cerascopus.
b. Wings as long as the body or longer.
* Fore wings hyaline, clouded with brown. - - Luteva.
** Fore wings not hyaline, nor clouded with brown.
† Trochanters with one spine.
‡ Spine of the trochanters very large. Fore femora curved at the base. - - - - Tinna.
‡‡ Spine of the trochanters small. Fore femora not curved at the base. - - - - - Orthiunga.
†† Trochanters hairy, not spiny. - - - Leistarches.

B. Tarsi three-jointed.
a. Wings wanting, or only half as long as the abdomen. GARDENA.
b. Wings as long as the abdomen, or longer.
* Prothorax elongate, rounded hindward.
† Fore wings entire. - - - - WESTERMANNIA.
‡ Fore wings with the interior border bent near the tip. STENOLEMUS.
** Prothorax more or less quadrate. - - - PLOIARIA.

Genus 1. EMESA.

Emesa, *Fabr. Syst. Rhyn.* 263. *Burm. Handb. Ent.* ii. 223. *Serv. Hist. Hem.* 393. *Dohrn, Linn. Ent.* xiv. 215.

1. EMESA PRÆCATORIA.

præcatoria, *Fabr. Syst. Rhyn.* 263. *Burm. Handb. Ent.* ii. 223. *Serv. Hist. Hem.* 394. *Dohrn, Linn. Ent.* xiv. 233, 254. *Stal, Hem. Fabr.* i. 131—Servillei, *Spin. Hem.* 90.

Cayenne. Brazil.

2. EMESA BREVIPENNIS.

Ploiaria brevipennis, *Say, Amer. Ent.* iii. pl. 111, f. 47—Emesa brevipennis, *Dohrn, Linn. Ent.* xiv. 220.

a. Trenton Falls, New York. Presented by E. Doubleday, Esq.
b, c. Jamaica. From Mr. Gosse's collection.
d. Santarem. From Mr. Bates' collection.

3. EMESA PIA.

Cimex longipes, *Deg. Ins.* iii. 352, pl. 35, f. 17, 19—Emesa longipes, *Dohrn, Linn. Ent.* xiv. 221—Emesa pia, *Serv. Hist. Hem.* 394. *H.-Sch. Wanz. Ins.* ix. 114, pl. 303, f. 937.

Pennsylvania.

4. EMESA FRATERNA.

fraterna, *Say, Ins. New Harm.* 33. *Dohrn, Linn. Ent.* xiv. 232.

New Orleans.

5. EMESA GERSTÆCKERI.

Gerstæckeri, *Dohrn, Linn. Ent.* 223.

St. Domingo.

6. EMESA SIGNORETI.

Signoreti, *Dohrn, Linn. Ent.* xiv. 227, pl. 1, f. 1.

Jamaica.

7. EMESA AFFINIS.

affinis, *Dohrn, Linn. Ent.* xiv. 222.

Columbia.

8. Emesa varicornis.

varicornis, *Dohrn, Linn. Ent.* xiv. 226.

Porto Rico.

9. Emesa Brasiliensis.

Brasiliensis, *Dohrn, Linn. Ent.* xiv. 227.

Brazil.

10. Emesa analis.

analis, *Dohrn, Linn. Ent.* xiv. 229, pl. 1, f. 5.

Surinam.

11. Emesa imbecilla.

imbecilla, *Dohrn, Linn. Ent.* xiv. 228.

a, *b*. Santarem. From Mr. Bates' collection.

12. Emesa longipes.

longipes, *Fabr. Syst. Rhyn.* 263. *Dohrn, Linn. Ent.* xiv. 236.

a. Rio Negro. From Mr. Wallace's collection.
b. Santarem. From Mr. Bates' collection.

13. Emesa Dohrni.

Dohrni, *Dougl. and Scott, Ent. M. Mag.* v. 136.

Elisha's Fountain.

14. Emesa barbara.

barbara, *Lucas, Expl. Sci. Alg. An. Art.* iii. 49, pl. 1, f. 3. *Dohrn, Linn. Ent.* xiv. 232.

Algeria.

15. Emesa filum.

Cimex filum, *Fabr. Mant. Ins.* ii. 308—Gerris filum, *Fabr. Ent. Syst.* iv. 191—Emesa filum, *Fabr. Syst. Rhyn.* 263. *Dohrn, Linn. Ent.* xiv. 230—Emesa filum? *Gray, Griff. Anim. Kingd.* pl. 97, f. 3. *Brullé, Hist. Nat. Ins.* ix. 312, pl. 24, f. 1. *Blanch. Hist. Nat. Ins.* iii. 99.

Hindostan. Mauritius.

16. Emesa Henrici.

Henrici, *Dohrn, Linn. Ent.* xiv. 218.

Ceylon.

17. Emesa invisibilis.

invisibilis, *Dohrn, Linn. Ent.* xiv. 219, pl. 1, f. 7.

Ceylon.

Div. 2.

Bargylia, *Stal*, *Hem. Afr.* iii. 163; *Berl. Ent. Zeit.* x.

18. Emesa juncea.

juncea, *Erichs. Wiegm. Arch.* viii. 285. *Dohrn*, *Linn. Ent.* xiv. 224, pl. 1, f. 6.

Australia. Tasmania.

a.? Moreton Bay. From Mr. Diggles' collection.

19. Emesa? Mantis.

Mantis, *Fabr. Syst. Rhyn.* 263. *Dohrn*, *Linn. Ent.* xiv. 19.

Div. 3.

Carambis, *Stal*, *Hem. Afr.* iii. 163; *Berl. Ent. Zeit.* x. 168.

20. Emesa caspica.

Div. 4.

Barce, *Stal.*

21. Emesa annulipes.

Barce annulipes, *Stal*, *Berl. Ent. Zeit.* x. 168.

Wisconsin.

Genus 2. GHILIANELLA.

Ghilianella, *Spin. Tav. Emitt.* 103. *Dohrn*, *Linn. Ent.* xiv. 236.

1. Ghilianella filiventris.

filiventris, *Spin. Tav. Emitt.* 103. *Dohrn*, *Linn. Ent.* xiv. 237—Emesa præcatoria, *Burm. Handb. Ent.* ii. 223.

a, *b*. Para. From Mr. Bates' collection.

2. Ghilianella Spinolæ.

Spinolæ, *Dohrn*, *Linn. Ent.* xiv. 238.

a. Santarem. From Mr. Bates' collection.

3. Ghilianella ignorata.

ignorata, *Dohrn*, *Linn. Ent.* xiv. 238, pl. 1, f. 9, 11.

Brazil. La Guayca.

a—*d*. Columbia. From M. Goudot's collection.

Genus 3. ISCHNOBÆNA.

Ischnobæna, *Stal, Ofv. K. V. Ak. Forh.* xxvii. 703.

1. Ischnobæna macerrima.

macerrima, *Stal, Ofv. K. V. Ak. Forh.* xxvii. 703, pl. 8, f. 15.
Philippine Isles.

2. Ischnobæna Dohrnii.

Dohrnii, *Stal, Ofv. K. V. Ak. Forh.* xxvii. 703.
Philippine Isles.

Genus 4. EMESELLA.

Emesella, *Dohrn, Linn. Ent.* xiv. 239.

1. Emesella nebulosa.

nebulosa, *Dohrn, Linn. Ent.* xiv. 239.
Bolivia.

2. Emesella Dohrni.

Dohrni, *Sgnt. A. S. E. F.* 4*me Sér.* iii. 587.
Chili.

Genus 5. CERASCOPUS.

Cerascopus, *Heinck. Zool. Journ.* v. 36—Emesodema, *Spin. Hem.* 88. *Serv. Hist. Hem.* 395. *Dohrn, Linn. Ent.* xiv. 246.

1. Cerascopus domesticus.

——— ———, *Raymond, Opusc. Sci. Arti Milano*, viii. 72, pl. 2, f. 6—Ploiaria domestica, *Scop. Flor. et Faun. Insects*, i. 60, pl. 24, f. A; iii. 52, pl. 25, f. 5, 7. *St. Farg. et Serv. Enc.* x. pl. 136, f. 5—7—Cerascopus marginatus, *Heincken, Zool. Journ.* v. 36—Emesodema domestica, *Spin. Hem.* 87. *Ramb. Faun. And.* ii. 180. *Serv. Hist. Hem.* 396. *H.-Sch. Wanz. Ins.* ix. 116. *Costa, Cim. Neap. Cent.* ii. 11. *Dohrn, Linn. Ent.* xiv. 247, pl. 1.

a. Barbary. From Mr. Vigors' collection.
b. ———? Presented by W. W. Saunders, Esq.

2. Cerascopus carolinus.

Emesodema carolina, *Germ. H.-Sch. Wanz. Ins.* ix. 115, pl. 303, f. 936.
Carolina.

3. Cerascopus Fairmairei.

Emesodema Fairmairei, *Dohrn, Linn. Ent.* xiv. 248.
West Indies.

Genus 6. LUTEVA.

Luteva, *Dohrn*, *Linn. Ent.* xiv. 242.

1. Luteva Gundlachi.

Gundlachi, *Dohrn*, *Linn. Ent.* xiv. 244, pl. 1, f. 19.
Cuba.

2. Luteva macrophthalmus.

macrophthalmus, *Dohrn*, *Linn. Ent.* xiv. 244, pl. 1, f. 23, 24.
Columbia. Brazil.

3. Luteva concolor.

concolor, *Dohrn*, *Linn. Ent.* xiv. 243, pl. 1, f. 25, 28.
Celebes. Philippine Isles?

Genus 7. TINNA.

Tinna, *Dohrn*, *Linn. Ent.* xiv. 245. *Stal. Hem. Afr.* iii. 164.

1. Tinna gracilis.

Emesa gracilis, *Stal*, *Ofv. K. V. Ak. Forh.* x. 277; xii. 45—Tinna gracilis, *Dohrn*, *Linn. Ent.* xiv. 246, pl. 1, f. 22, 26. *Stal*, *Hem. Afr.* iii. 165.
Natal.

Genus 8. ORTHUNGA.

Orthunga, *Dohrn*, *Linn. Ent.* xiv. 250; xv. 44. *Stal*, *Hem. Afr.* iii. 163.

1. Orthunga Wahlbergi.

Emesa Wahlbergi, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 45—Orthunga Wahlbergi, *Dohrn*, *Linn. Ent.* xiv. 250, pl. 1, f. 21, 29; xv. 45. *Stal*, *Hem. Afr.* iii. 164.
Natal.

Genus 9. LEISTARCHES.

Leistarches, *Dohrn*, *Linn. Ent.* xiv. 240.

1. Leistarches serripes.

serripes, *Dohrn*, *Linn. Ent.* xiv. 241, pl. 1, f. 27.
Australia.

Genus 10. GARDENA.

Gardena, *Dohrn*, *Linn. Ent.* xv.

1. Gardena Semperi.

Semperi, *Dohrn*, *Linn. Ent.* xv. 64. *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 704.
Philippine Isles.

2. Gardena brevicollis.

brevicollis, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 704.
Philippine Isles.

Genus 11. WESTERMANNIA.

Westermannia, *Dohrn*, *Linn. Ent.* xiv. 251.

1. Westermannia difficilis.

difficilis, *Dohrn*, *Linn. Ent.* xiv. 251.
Columbia.

2. Westermannia tenerrima.

tenerrima, *Dohrn*, *Linn. Ent.* xiv. 251.
Porto Rico.

3. Westermannia annulata.

annulata, *Dohrn*, *Linn. Ent.* xiv. 251.
Mexico.

Genus 12. STENOLEMUS.

Stenolemus, *Sgnt. A. S. E. F.* 2*me Sér.* vi. 251. *Dohrn*, *Linn. Ent.* xiv. 250.

1. Stenolemus spiniventris.

spiniventris, *Sgnt. A. S. E. F.* 3*me Sér.* vi. 253, pl. 6, f. 1—3.

2. Stenolemus fasciculatus.

fasciculatus, *Dohrn*, *Linn. Ent.* xiv. 250.
Celebes.

3. Stenolemus plumosus.

plumosus, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 702.
Philippine Isles.

4. Stenolemus crassirostris.

crassirostris, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 702.
Philippine Isles.

Genus 13. PLOIARIA.

Ploiaria, *Flor. et Faun. Insects*, iii. 51. *Latr. Brull. Blanch. Dougl. and Scott, Hem.* 534—Ploearia, *Serv. Hist. Hem.* 396. *Fieb. Eur. Hem.* 149.

1. Ploiaria vagabunda.

——— ———, *Geoff. Ins.* i. 462. *Enc.* pl. 373, f. 41—Cimex culiciformis, *Deg. Ins.* iii. 323, pl. 17, f. 1, 2. *Geoffr. Ins.* i. 462. *Enc.* pl. 373, f. 41 — Cimex vagabundus, *Linn. Syst. Nat.* i. 2732; *Faun. Suec.* 972. *Tign. Hist. Nat. Ins.* iv. 286—Ploiaria alata,

Scop. Flor. et Faun. Insects, iii. 51, pl. 25, f. 8—Gerris vagabundus, *Fabr. Syst. Rhyn.* 262. *Wolff*, *Icon. Cim.* 203, pl. 20, f. 197. *Burm. Handb. Ent.* ii. 224 — Ploiaria vagabunda, *Latr. Nouv. Dict. Hist. Nat.* xviii. 133. *Brull. Hist. Nat. Ins.* ix. 312. *Blanch. Hist. Nat. Ins.* iii. 100. *Hem.* pl. 2, f. 1—Ploearia vagabunda, *Serv. Hist. Hem.* 396. *Fieb. Eur. Hem.* 150—Ploiaria vagabunda, *Dougl. and Scott*, *Hem.* 536.

a—i. England. From Mr. Stephens' collection.

2. Ploiaria erratica.

Gerris erraticus, *Fall. Hem. Suec.* 164. *H.-Sch. Wanz. Ins.* ix. 118. *Burm. Handb. Ent.* ii. 224—Ploiaria erratica, *Fieb. Eur. Hem.* 149—Ploiaria erratica, *Dougl. and Scott*, *Hem.* 536.

a—e. England. From Mr. Stephens' collection.
f. England. Presented by J. C. Dale, Esq.

3. Ploiaria pallida.

pallida, *Mtrz. Ann. Sci. Phys. Soc. Agric. Lyon.* vii.

Woodlark.

Genus 14. BACTRODES.

Bactrodes, *Stal*, *Rio Jan. Hem.* 80.

1. Bactrodes biannulatus.

biannulatus, *Stal*, *Rio Jan. Hem.* 80.

Rio Janeiro.

Genus 15. MALACOPUS.

Malacopus, *Stal*, *Rio Jan. Hem.* 80.

1. Malacopus cellularis.

cellularis, *Stal*, *Rio Jan. Hem.* 81.

Rio Janeiro.

STAGMIGRADI.

Fam. 1. HYDROMETRIDÆ.

Hydrometridæ, *Leach*, *Serv. Hist. Hem.* 308—Limnobatidæ, *Fieb. Eur. Hem.* 32—Limnobatina and Limnobatidæ, *Dougl. and Scott*, *Hem.* 42—Hydrometida, *Stal*, *Hem. Afr.* iii. 166. *Mayr*, *Novara Hem.* 169.

Genus 1. HYDROMETRA.

Hydrometra, *Fabr. Latr. St. Farg. et Serv. Schum. Brull. Blanch. Serv. Hist. Hem.* 398—Limnobates, *Burm. Handb. Ent.* ii. 210. *H.-Sch. Wanz. Ins.* ix. 118. *Fieb. Eur. Hem.* 103. *Dougl. and Scott*, *Hem.* 575.

Europe.

1. Hydrometra stagnorum.

———, *Deg. Ins.* iii. 322, pl. 15, f. 24, 25. *Geoff. Ins.* i. 463—Cimex stagnorum, *Linn. Syst. Nat.* i. 2, 732; *Faun. Suec.* 971. *Tign. Hist. Nat. Ins.* iv. 284—Gerris stagnorum, *Fabr. Ent. Syst.* iv. 188. *Fall. Mon. Cim.* 111 — Hydrometra stagnorum, *Fabr. Syst. Rhyn.* 258. *Latr. Gen.* iii. 131. *St. Farg. et Serv. Enc.* x. 265, pl. 374, f. 21. *Schum. Plot*, 14, pl. 1, f. 1—6. *Brull. Hist. Nat. Ins.* ix. 304. *Blanch. Hist. Nat. Ins.* iii. 98. *Serv. Hist. Hem.* 400. *Curt. Brit. Ent.* i. 32. *Schum. Beitr.* ii. 14, pl. 1, f. 1—6 — Limnobates stagnorum, *Burm. Handb. Ent.* ii. 211. *Ramb. Faun. And.* ii. 186. *H.-Sch. Wanz. Ins.* ix. 119, pl. 304, f. 938, 939. *Fieb. Eur. Hem.* 103. *Dougl. and Scott, Hem.* 576—Emesa stagnorum, *Fall. Hem. Suec.* 162.

a—l. England.
m, n. France.

North America.

2. Hydrometra Franciscana.

Gerris Franciscana, *Stal, Eug. Resa*, 265.

California.

3. Hydrometra orba.

Gerris orba, *Stal, Eug. Resa*, 264.

California.

West Indies.

4. Hydrometra Caraiba.

Caraiba, *Guér. Sagra, Hist. Cuba, Ins.* 413.

Cuba.

Africa.

5. Hydrometra ambulator.

ambulator, *Stal, Ofv. K. V. Ak. Forh.* xii. 45; *Hem. Afr.* iii. 166.

Natal.

Asia.

6. Hydrometra parvula.

Gerris parvula, *Stal, Eug. Resa*, 265.

China.

7. Hydrometra Japonica.

Japonica, *Motsch. Bull. Soc. Nat. Mosc.* xxxix. 1, 188.

Japan.

8. Hydrometra insularis.

insularis, *Motsch. Bull. Soc. Nat. Mosc.* xxxix. 1, 188.

Japan.

Eastern Isles.

9. Hydrometra vittata.

vittata, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 705.

Philippine Isles.

OCULATI.

Oculati, *Latr.*—Riparia, *Burm.*

Fam. 1. LEPTOPODIDÆ.

Leptopidæ, *Serv. Hist. Hem.* 401. *Fieb. Eur. Hem.* 40.

Genus 1. LEPTOPUS.

Leptopus, *Latr. Fam. Nat.* 423. *L.-Duf. A. S. E. F.* ii. 109. *H.-Sch. Wanz. Ins.* ix. 132. *Burm. Handb. Ent.* ii. 216. *Brull. Blanch. Serv. Hist. Hem.* 403. *Fieb. Eur. Hem.* 148.

1. Leptopus boopis.

Cimex boopis, *Fourcr. Ent. Par.* 107. *Vill. Ent.* iv. 392—Acanthia spinosa, *Rossi*, *Faun. Ent.* 1280. Leptopus boopis, *L.-Duf. Ann. Sci.* 1858, 349, pl. 22, f. 3. *Fieb. Eur. Hem.* 148—Leptopus littoralis, *Latr. Gen.* iv. 383; *Nouv. Dict. Hist. Nat. 2e edit. L. Duf. A. S. E. F.* ii. 109, pl. 6, f. 2; iii. 354. *Burm. Handb. Ent.* ii. 217. *Blanch. Hist. Nat. Ins.* iii. 95. *Serv. Hist. Hem.* 402—Leptopus lapidicola, *De Lap. Ess. Hem.* 13—Leptopus Preyssleri, *Fieb. H.-Sch. Wanz. Ins.* ix. 133, pl. 306, f. 942.

a. Geneva. Presented by M. Goureau.
b. France. Presented by M. Goureau.
c. France.

2. Leptopus echinops.

Leptopus echinops, *L.-Duf. A. S. E. F.* 1833, 113; *Ann. Sci. Nat.* 1858, 359, pl. 22, f. 3. *Costa*, *Cim. Cent.* ii. 2. *Lucas*, *Hem. Alg.* pl. 1, f. 4. *Fieb. Eur. Hem.* 149.

South Europe.

3. Leptopus Sardous.

Sardous, *Costa*, *Ann. Mus. Zool. Nap.* ii. 106.

Sardinia.

4. Leptopus Strobelii.

Strobelii, *Garbiglietti*, *Bull. Soc. Ent. Ital.* i. 198.

Sardinia.

5. Leptopus Dufourii.

Dufourii, *Synt. A. S. E. F. 4me Sér.* v. 121.

South France.

Div. 2.

Erianotus, *Fieb. Eur. Hem.* 149

6. Leptopus lanosus.

Leptopus lanosus, *L.-Duf. A. S. E. F.* iii. 354, pl. 5, f. 14. *Brull. Hist. Nat. Ins.* ix. 284. *Blanch. Hist. Nat. Ins.* iii. 95. *Serv. Hist. Hem.* 403—Erianotus lanosus, *Fieb. Eur. Hem.* 149.

South Europe.

Fam. 2. SALDIDÆ.

Saldidæ, *Serv. Hist. Hem.* xlix. *Fieb. Eur. Hem.* 143, 144, 148. *Dougl. and Scott, Hem.* 38.

Genus 1. SALDA.

Salda, *Fabr. Syst. Rhyn.* 113. *Am. et Serv. H. Gen.* 333. *Burm. Handb. Ent.* ii. 215. *Blanch. Hist. Nat. Ins. Serv. Hist. Hem.* 404. *Fieb. Eur. Hem.* 144. *Dougl. and Scott, Hem.* 316—Acanthia, *Latr.* —Sciodopterus, *Serv. Hist. Hem.* 404.

Europe.

1. Salda pilosa.

pilosa, *Fall. Hem. Suec.* 74. *Burm. Handb. Ent.* ii. 216. *Fieb. Wien. Ent. Mon.* 1859; *Eur. Hem.* 144. *Dougl. and Scott, Hem.* 518—Acanthia pilosa, *Germ. Faun. Eur.* 10, 14.

North Europe.

2. Salda lateralis.

lateralis, *Fall. Hem. Suec.* 74. *Fieb. Wien. Ent. Mon.*; *Eur. Hem.* 144—Acanthia pulchella, *Curt. Brit. Ent.* xii. pl. 548—Acanthia bicolor, *Curt. Brit. Ent.* xii. 548—Salda pulchella, *H.-Sch. Wanz. Ins.* ix. 131, pl. 308, f. 947. *Fieb. Wien. Ent. Mon.* iii. 234. *Eur. Hem.* 144. *Dougl. and Scott, Hem.* 520—eburnea, *Fieb. Eur. Hem.* 144.

a. England.
b. France.

3. Salda xanthochila.

xanthochila, *Wien. Ent. Mon.* iii.; *Eur. Hem.* 145 — pallipes, *Sahlb. Geoc.* 152—striata? *Fabr. Syst. Rhyn.* 114.

Germany. Finland.

4. Salda orthochila.

littoralis, *Fabr. Syst. Rhyn.* 115. *Burm. Handb. Ent.* ii. 216—riparia, *Fall. Hem. Suec.* 72—orthochila, *Fieb. Wien. Ent. Mon.* iii. 234; *Eur. Hem.* 145. *Dougl. and Scott, Hem.* 521—luteipes, *Flor. Rhyn. Liv.* i. 717—Lygæus saltatorius, *Panz. Faun. Germ.* 92.

Europe.

5. Salda saltatoria.

Cimex saltatorius, *Linn. Faun. Suec.* 954—Salda saltatoria, *Fabr. Syst. Rhyn.* 239. *Enc.* pl. 374, f. 8. *Hahn, Wanz. Ins.* ii. 83, pl. 55, f. 167. *Blanch. Hist. Nat. Ins.* i. 94. *Serv. Hist. Hem.* 405. *Fieb. Wien. Ent. Mon.* iii. 235; *Eur. Hem.* 145. *Dougl. and Scott, Hem.* 522—Lygæus saltatorius, *Wolff, Icon. Cim.* 77, pl. 8, f. 74—Acanthia saltatoria, *Brull. Hist. Nat. Ins.* ix. 281.

According to Prof. Stal the S. saltatoria of Linn. is the S. pallipes of Fabr.

a, *b*. England. Presented by E. Doubleday, Esq.
c—h. England.

6. Salda marginella.

marginella, *H.-Sch. Cat.* 185. *Fieb. Wien. Ent. Mon.* iii.; *Eur. Hem.* 145—marginalis, *H.-Sch. Wanz. Ins.* ix. 130, pl. 306, f. 943.

Europe.

7. Salda arenicola.

arenicola, *Scholz, Arb. Ver.* 1846, 6. *Fieb. Wien. Ent. Mon.* iii.; *Eur. Hem.* 146.

Europe.

8. Salda stellata.

Acanthia stellata, *Curt. Brit. Ent.* xii. 548—Salda C. album, *Fieb. Wien. Ent. Mon.* iii. 236; *Eur. Hem.* 146—arenicola, *Flor, Rhyn. Liv.* i. 718—stellata, *Dougl. and Scott, Hem.* 525.

Europe.

9. Salda melanoscela.

melanoscela, *Fieb. Wien. Ent. Mon.* iii.; *Eur. Hem.* 146.

Corinthia.

10. Salda pallipes.

Salda pallipes, *Fabr. Syst. Rhyn.* 115. *Fall. Hem. Suec.* 73. *Zett. Ins. Lapp.* 267. *H.-Sch. Wanz. Ins.* vi. 43, pl. 194, f. 600. *Sahlb. Geoc. Fen.* 152. *Kol. Mel. Ent.* vi. 33. *Fieb. Wien. Ent. Mon.* iii. 237; *Eur. Hem.* 146. *Dougl. and Scott, Hem.* 527—Salda saltatoria, *Guér. Icon.* pl. 93, f. 2—Acanthia dimidiata, *Curt. Brit. Ent.* xii. 548—Salda riparia, *Zett. Ins. Lapp.* 267. *Sahlb. Geoc. Fen.* 151. *Kol. Mel. Ent.* vi. 34—Salda littoralis, *Serv. Hist. Hem.* 405.

a. France.

11. Salda brachynota.

brachynota, *Fieb. Wien. Ent. Mon.* iii.; *Eur. Hem.* 146.

Germany.

12. Salda flavipes.

flavipes, *Fabr. Syst. Rhyn.* 114. *Fieb. Wien. Ent. Mon.* iii.; *Eur. Hem.* 147—Sciodopterus flavipes, *Serv. Hist. Hem.* 404.

Europe.

13. Salda littoralis.

Cimex littoralis, *Linn. Syst. Nat.* i. 2717; *Faun. Suec.* 915. *Deg. Ins.* iii. 277, pl. 14, f. 17, 18—Acanthia Zosteræ, *Fabr. Gen. Ins. Mant.* 299; *Sp. Ins.* ii. 335; *Ent. Syst.* iv. 68. *Latr. N. Dict. Hist. Nat.* i. 73; *Gen.* iii. 142—Acanthia flavipes, *Fabr. Ent. Syst.* iv. 68—Salda Zosteræ, *Fabr. Syst. Rhyn.* 113. *Burm. Handb. Ent.* ii. 216. *Sahlb. Geoc. Fen.* 150. *Blanch. Hist. Nat. Ins.* iii. 94. *Serv. Hist. Hem.* 405—Salda flavipes, *Fabr. Syst. Rhyn.* 114. *Wien. Ent. Mon.* iii. 238; *Eur. Hem.* 147—Salda littoralis, *Fall. Hem. Suec.* 71. Var. β., *Serv. Hist. Hem.* 405. *Zett. Ins. Lapp.* 267. *H.-Sch. Wanz. Ins.* vi. 41, pl. 194, f. 549. *Fieb. Wien. Ent. Mon.* vii. 63; *Eur. Hem.* 147. *Kol. Mel. Ent.* vi. 32. *Flor, Rhyn. Liv.* 710. *Dougl. and Scott, Hem.* 528. *Stal, Ofv. K. V. Ak. Forh.* xxv. 387—Sciodopterus flavipes, *Serv. Hist. Hem.* 204.

Europe. Chili.

a. France.

14. Salda riparia.

riparia, *Fall. Hem. Suec.* 72. *Sahlb. Geoc. Fen.* 151, f. 166. *Fieb. Wien. Ent. Mon.* vii. 62. *Dougl. and Scott, Hem.* 530—Acanthia Scotica, *Curt. Brit. Ent.* xii. 548—Salda hirsutula, *Flor, Rhyn. Liv.* i. 708—Salda littoralis, *Fieb. Wien. Ent. Mon.* iii. 238; *Eur. Hem.* 147.

Europe.

15. Salda luteipes.

luteipes, *H.-Sch. Wanz. Ins.* vi. 40, pl. 194, f. 597. *Fieb. Wien. Ent. Mon.* iii.; *Eur. Hem.* 147.

Austria.

16. Salda geminata.

geminata, *Costa, Curt. Fieb. Wien. Ent. Mon.* iii.; *Eur. Hem.* 147—marginalis, *Ahr. Faun. Eur.* 10, 16.

Europe.

17. Salda elegantula.

elegantula, *Fall. Hem. Succ.* 75. *Hahn, Wanz. Ins.* ii. 84, pl. 55, f. 168. *Fieb. Wien. Ent. Mon.* iii. 240; *Eur. Hem.* 148. *Flor, Rhyn. Liv.* i. 720. *Dougl. and Scott, Hem.* 533—Acanthia Cocksii, *Curt. Brit. Ent.* 348.

Europe.

18. Salda cincta.

cincta, *H.-Sch. Wanz. Ins.* vi. 40, pl. 194, f. 598. *Sahlb. Geoc. Fen.* 153. *Fieb. Wien. Ent. Mon.* iii. 240; *Eur. Hem.* 148. *Dougl. and Scott, Hem.* 531.

Europe.

19. Salda marginalis.

marginalis, *Fall. Mon. Cim.* 30; *Hem. Suec.* 75. *Sahlb. Geoc. Fen.* 154. *H.-Sch. Wanz. Ins.* ix. 130, pl. 306, f. 913. *Flor, Rhyn. Liv.* i. 712. *Dougl. and Scott, Hem.* 524—opacula, *Zett. Ins. Lapp.* 268. *Flor, Rhyn. Liv.* i. 719.

a—d. England.

20. Salda Flori.

Flori, *Dohrn, Stett. Ent. Zeit.* xxiv. 395.

Stettin.

21. Salda Gamma.

Gamma, *Fieb. Wien. Ent. Mon.* viii. 212.

South France.

22. Salda quadrilineata.

quadrilineata, *Jakowlew, Arbeiten, Univ. Kasan*, 1864, 115.

Kasan.

23. Salda borealis.

borealis, *Stal, K. Sv. V. Ak. Handl.* vii. 391.

Lapland.

24. Salda conspicua.

conspicua, *Dougl. and Scott, Ent. M. Mag.* iv. 93, pl. 1, f. 5.

Scotland.

25. Salda venustula.

venustula, *Scott, Ent. M. Mag.* viii. 243.

Corsica.

26. Salda costalis.

costalis, *Sahlb. Geoc. Fen.* 152.

Finland. A doubtful species according to Fieber.

27. Salda fucicola.

fucicola, *Sahlb. Not. Fenn.* 301—C-album, *Fieb.?*

White Sea, Carelia.

North America.

28. Salda luctuosa.

luctuosa, *Stal*, *Eug. Resa*, 263.

California.

Mexico.

29. Salda ornata.

ornata, *Stal*, *Stett. Ent. Zeit.* xxiii. 458.

Mexico.

West Indies.

30. Salda Signoretii.

Signoretii, *Guér. Sagra*, *Hist. Cuba*, *Ins.* 400, pl. 13, f. 10.

Cuba.

South America.

31. Salda ventralis.

ventralis, *Stal*, *Rio Jan. Hem.* 81.

Rio Janeiro.

32. Salda Chilensis.

Chilensis, *Blanch. Faun. Chil.* 225, pl. 2, f. 15. *Sgnt. A. S. E. F.* 4*me* *Sér.* iii. 580.

Chili.

BREVICORNIA.

Fam. 1. PELOGONIDÆ.

Pelogonidæ, *Serv. Hist. Hem.* 407. *Fieb. Eur. Hem.* 23—Pelogonida *Stal*, *Hem. Afr.* iii. 170.

Genus 1. PELOGONUS.

Ochterus, *Latr. Gen.* iii. 143—Pelogonus, *Latr. Gen.* iv. 384. *Serv. Hem. Gen.* 334; *Eur. Hem.* 407. *Burm. Handb. Ent.* ii. 202. *Fieb. Gen. Hydr.* 3. *Eur. Hem.* 32.

1. Pelogonus marginatus.

Acanthia marginata, *Latr. Hist. Nat. Ins.* xii. 242—Ochterus marginatus, *Latr. Gen.* iii. 143—Pelogonus marginatus, *Latr. Gen.* iv. 384. *St. Farg. et Serv. Enc.* x. 32. *L.-Duf. Rech. Hem.* 65, pl. 5, f. 58. *Burm. Handb. Ent.* ii. 200. *Brull. Hist. Nat. Ins.* ix. 277. *Blanch. Hist. Nat. Ins.* iii. 93. *Serv. Hist. Hem.* 409. *Fieb. Eur. Hem.* 103. *Stal*, *Hem. Afr.* iii. 170—Pelogonus Caffer, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 46.

Syria. Caucasus. South Africa. Philippine Isles.

a. South Europe.

PLOTERES.

Ploteres, *Latr. Serv. Hist. Hem.* 409—Hydrometritæ, *De Lap.*—Amphicorisæ, *L.-Duf.*—Hydrodromici, *Burm.*

A. Legs not formed for gliding on water. Ripicola. - 1. HEBRIDÆ.
B. Four hinder legs formed for gliding on water.
a. Four posterior legs filiform, approximate, very far from the fore legs. - - - - - 2. GERRIDÆ.
b. Legs nearly equally far apart; femora somewhat stout. - - - - - - 3. VELIDÆ.

Fam. 1. HEBRIDÆ.

Hebridæ, *Serv. Hist. Hem.* 293. *Fieb. Eur. Hem.*—Hebroidea, *Flor.*—Hebrina and Hebridæ, *Dougl. and Scott, Hem.* 25.

Genus 1. HEBRUS.

Hebrus, *Curt. Ent. Mag.* i. 198. *Burm. Handb. Ent.* ii. 214. *Serv. Hist. Hem.* 294. *Fieb. Eur. Hem.* 104. *Dougl. and Scott, Hem.* 263—Nœogæus, *De Lap. Ess. Hem.* 34.

1. HEBRUS PUSILLUS.

Lygæus pusillus, *Fall. Mon. Cim.* 71; *Hem. Suec.* 65. *Germ. Faun. Eur.* 15, 11—Hebrus pusillus, *Curt. Ent. Mag.* i. 199. *Westw. A. S. E. F.* iii. 5, pl. 6, f. 6. *Burm. Handb. Ent.* ii. 214. *Serv. Hist. Hem.* 294. *Flor, Rhyn. Liv.* i. 374. *Fieb. Eur. Hem.* 104. *Dougl. and Scott, Hem.* 266—Nœogæus erythrocephalus, *De Lap. Ess. Hem.* 34.

a—f. England.

2. HEBRUS LETZNERI.

Letzneri, *Scholtz, Arb. Ver.* 1846, 5. *Fieb. Eur. Hem.* 104.

Silesia.

3. HEBRUS FUSCUS.

fuscus, *Costa, Ann. Mus. Zool. Nap.* ii. 125.

Naples.

4. HEBRUS AMERICANUS.

Americanus, *Uhler.*

a—f. Indiana. Presented by F. Walker, Esq.

5. HEBRUS PARVULUS.

parvulus, *Stal, Rio Jan. Hem.* 60.

Rio Janeiro.

Fam. 2. VELIDÆ.

Velidæ, *Serv. Hist. Hem.* 418—Hydroessæ and Hebridæ, *Fieb. Eur. Hem.* 104—Veliida, *Stal, Hem. Afr.* iii. 167—Veliidæ, *Dougl. and Scott, Hem.* 42—Hydroessida, *Mayr, Novara Hem.* 180.

A. Hind tarsi 3-jointed.
a. Fore tarsi 3 jointed.
* Head distinctly advanced. First joint of the hind tarsi very short. - - - - - VELIA.
** Head not or very slightly advanced. First joint of the hind tarsi somewhat elongated. - - ANGILIA.
b. Fore tarsi one-jointed. - - - - BOECULA.
B. Tarsi two-jointed. - - - MICROVELIA. HYDROESSA.

Genus 1. MICROVELIA.

Microvelia, *Westw. A. S. E. F.* iii. 647. *Serv. Hist. Hem.* 421. *Dougl. and Scott, Hem.* 574—Hydroessa, *Burm. Handb. Ent.* ii. 213. *Fieb. Eur. Hem.* 104.

1. MICROVELIA PYGMÆA.

Velia pygmæa, *L.-Duf. A. S. E. F.* ii. 115, pl. 5, f. 6—Microvelia pygmæa, *Westw. A. S. E. F.* iii. 647, pl. 6, f. 5. *Serv. Hist. Hem.* 422—Hydroessa reticulata, *Burm. Handb. Ent.* ii. 213—Hydroessa pygmæa, *Curt. Brit. Ent.* xv. pl. 681. *Flor, Rhyn. Liv.* i. 749. *Fieb. Eur. Hem.* 104. *Dougl. and Scott, Hem.* 514.

a, b. England.

2. MICROVELIA SCHNEIDERI.

Hydroessa Schneideri, *Scholz, Arb. Ver.* 1846, 5. *Fieb. Eur. Hem.* 105.

Silesia. Switzerland.

3. MICROVELIA PULCHELLA.

pulchella, *Westw. A. S. E. F.* iii. 647, pl. 6, f. 5. *Serv. Hist. Hem.* 422—Hydroessa pulchella, *H.-Sch. Wanz. Ins.* vi. 37, pl. 193, f. 595—Hydroessa reticulata, *Burm. Handb. Ent.* ii. 213.

Isle St. Vincent.

4. MICROVELIA CAPITATA.

capitata, *Guér. Sagra, Hist. Cuba, Ins.* 417.

Cuba.

Genus 2. MESOVELIA.

Mesovelia, *Muls. et Rey. Ann. Soc. Linn.* 1852, 138. *Fieb. Eur. Hem.* 195.

1. MESOVELIA FURCATA.

furcata, *Muls. et Rey. Ann. Soc. Linn.* 1852, 138. *Fieb. Eur. Hem.* 105. *Dougl. and Scott, Ent. M. Mag.* iv. 4, pl. 1, f. 1.

Europe.

Genus 3. VELIA.

Velia, *Latr. Gen.* iii. 133. *Burm. Handb. Ent.* ii. 211. *Schum. Beitr.* ii. *Serv. Hist. Hem.* 419.

1. Velia rivulorum.

Gerris apterus, *Fabr. Ent. Syst.* iv. 193—Hydrometra rivulorum, *Fabr. Syst. Rhyn.* 259. *Wolff, Icon. Cim.* 201, pl. 20, f. 195—Velia rivulorum, *Latr. Gen.* iii. 133. *Guér. Icon. R. An. Ins.* pl. 57, f. 3. *Burm. Handb. Ent.* ii. 212. *Blanch. Hist. Nat. Ins.* iii. 96. *Ramb. Faun. And.* ii. 84. *Serv. Hist. Hem.* 419. *Fieb. Eur. Hem.* 105. *Stal, Hem. Fabr.* i. 131.

a—l. England.
m—p. Shetland Isles.
q, r. France. Presented by W. W. Saunders, Esq.
s. Syria. From Mr. Stevens' collection.

2. Velia currens.

Gerris currens, *Fabr. Ent. Syst.* iv. 193—Hydrometra currens, *Fabr. Syst. Rhyn.* 259. *Fall. Hem. Suec.* i. 160—Hydrometra aptera, *Fabr. Syst. Rhyn.* 259—Hydrometra rivulorum, *Wolff, Icon. Cim.* 201, pl. 20, f. 195—Velia currens, *Latr. Gen.* iii. 133. *L.-Duf. Rech. Hem.* 73, pl. 5, f. 65. *Curt. Brit. Ent.* i. 2. *Schum. Beitr.* ii. *Burm. Handb. Ent.* ii. 212. *Brull. Hist. Nat. Ins.* ix. 294. *Blanch. Hist. Nat. Ins.* iii. 96. *Serv. Hist. Hem.* 420. *H.-Sch. Wanz. Ins.* ix. 76. *Fieb. Eur. Hem.* 105. *Flor, Rhyn. Liv.* i. 746. *Dougl. and Scott, Hem.* 571—Velia rivulorum, *Curt. Brit. Ent.* i. pl. 2—Velia Fieberi, *Guér.*—Rhagovelia currens, *Mayr, Verh. Zool. Bot. Ges. Wien.* xv. 445.

a, b. France. Presented by W. W. Saunders, Esq.
c, d. Syria. From Mr. Lowne's collection.

North America.

3. Velia distincta.

distincta, *Uhler.*

a—f. Indiana. Presented by F. Walker, Esq.

Mexico.

4. Velia armata.

armata, *Burm. Handb. Ent.* ii. 212—Rhagovelia armata, *Mayr.*

Mexico.

5. Velia collaris.

Velia collaris, *Burm. Handb. Ent.* ii. 212—Rhagovelia collaris, *Mayr, Verh. Zool. Bot. Wien.* xv. 446; *Novar. Hem.* 180—Velia Fieberi, *Guér. Sagra Hist. Cuba*, 416.

St. Domingo. Rio Janeiro.

South America.

6. Velia basalis.

Velia basalis, *Spin. Hem.* 66—Velia bicolor, *Blanch. Orb. Voy. Am. Merid. Ins.* 218, pl. 29, f. 1—Velia Brasiliensis, *H.-Sch. Wanz. Ins.* ix. 76, pl. 303, f. 935.

Rio Janeiro.

7. Velia brachialis.

brachialis, *Stal, Rio Jan. Hem.* 82.

Rio Janeiro.

Africa.

8. Velia nigricans.

nigricans, *Burm. Handb. Ent.* ii. 213—Rhagovelia nigricans, *Mayr.*

Abyssinia.

9. Velia fusca.

Hydroessa fusca, *Germ. Silb. Rev. Ent.* v. 123—Velia fusca, *Mayr, Novara Hem.* 180.

Cape.

Div. 2.

Angilia, *Stal, Hem. Afr.* iii. 167.

10. Velia albidotincta.

Velia albidotincta, *Stal, Ofv. K. V. Ak. Forh.* xii. 46—Angilia albidotincta, *Stal, Hem. Afr.* iii. 168.

Natal.

Eastern Isles.

Div.

Rhagovelia, *Mayr, Verh. Zool. Bot. Wien.* xv. 445; *Novara Hem.* 181—Boecula, *Stal.*

11. Velia nigricans.

Velia nigricans, *Burm. Handb. Ent.* ii. 213—Rhagovelia nigricans, *Mayr, Reise Nov. Hem.* 181:

Philippine Isles.

Fam. 3. GERRIDÆ.

Gerridæ, *Serv. Hist. Hem.* 418—Hydrobatida, *Stal, Hem. Afr.* iii. 168—Hydrometræ, *Fieb. Eur. Hem.*—Hydrometridæ, *Dougl. and Scott, Hem.* 40.

A. Fore tibiæ with a distinct apical tooth.
a. Abdomeu very short. - - - - 3. HALOBATES.
b. Abdomen almost as long as the thorax. - - 2. PTILOMERA.
B. Fore tibiæ with no distinct apical tooth. - - 1. GERRIS.

Genus 1. GERRIS.

Gerris, *Latr. Gen.* iii. 133. *Schum. Beitr.* 11. *Serv. Hist. Hem.* 414—Hydrometra, *Fabr. Syst. Rhyn.* 256. *Burm. Ramb. Fieb. Eur. Hem.* 106. *Dougl. and Scott, Hem.* 557—Tenagogonus, *Stal, Ofv. K. V. Ak. Forh.* x. 263; *Hem. Afr.* iii. 168—Limnoporus, *Stal, Ofv. K. V. Ak. Forh.* xxvi. 398—Limnogonus, *Stal, Ofv. K. V. Ak. Forh.* vii. 132—Limnotrechus, *Stal, Ofv. K. V. Ak. Forh.* xxv. 398—Hygrotrechus, *Stal, Ofv. K. V. Ak. Forh.* xxv. 398.

Europe.

1. GERRIS RUFOSCUTELLATA.

———, *Stoll, Pun.* pl. 15, f. 108—Gerris rufoscutellata, *Latr. Gen.* iii. 134. *Schum. Plot.* pl. 3, f. 1, 2; pl. 4, f. 1, 14—19 — Hydrometra lacustris, *Fall. Hem.* 159—Hydrometra rufoscutellata, *H.-Sch. Wanz. Ins.* ix. 69, pl. 300, f. 924. *Fieb. Eur. Hem.* 106—Limnoporus rufoscutellatus, *Stal.*

Europe.

2. GERRIS PALUDUM.

Gerris paludum, *Fabr. Ent. Syst.* iv. 188. *Schum. Beitr. Plot.* 29, pl. 4, f. 5—13. *Brull. Hist. Nat. Ins.* ix. 302. *Blanch. Hist. Nat. Ins.* iii. 97. *Serv. Hist. Hem.* 417—Hydrometra paludum, *Fabr. Syst. Rhyn.* 258. *Zett. Ins. Lapp.* 281. *H.-Sch. Wanz. Ins.* ix. 67, pl. 300, f. 926. *Burm. Handb. Ent.* ii. 210. *Fieb. Eur. Hem.* 106. *Flor, Rhyn. Liv.* i. 732. *Dougl. and Scott, Hem.* 559—Hygrotrechus paludum, *Stal.*

a—n. England.
o, p. South France.

3. GERRIS NAJUS.

Cimex Najus, *Deg. Ins.* iii. 311, pl. 16, f. 8, 9—Gerris aptera, *Wimm. Schuml. Plot.* 34, pl. 4, f. 4, 20—24 — Gerris canalium, *L. Duf. Rech. Hem.* 69, pl. 5, f. 59. *H.-Sch. Wanz. Ins.* pl. 300, f. 925, K, L, M. *Serv. Hist. Hem.* 418—Hydrometra aptera, *H.-Sch. Wanz. Ins.* ix. 69, pl. 300, f. 925—Hydrometra Najus, *Fieb. Eur. Hem.* 107. *Dougl. and Scott, Hem.* 560—Hygrotrechus Najus, *Stal.*

a, b. France.

4. Gerris ventralis.

Hydrometra ventralis, *Fieb. Eur. Hem.* 107 — Hygrotrechus ventralis, *Stal.*

Greece.

5. Gerris Costæ.

Hydrometra Costæ, *H.-Sch. Wanz. Ins.* ix. 71, pl. 300, f. 927. *Fieb. Eur. Hem.* 107—Hydrometra rufoscutellata, *Costa, Cent.* ii. pl. 2, f. 8—Limnotrechus Costæ, *Stal.*

Middle and South Europe.

6. Gerris thoracica.

Gerris thoracica, *Schum. Beitr.* ii. 46. *H.-Sch. Nom. Ent.* 63—Gerris rufoscutellata, *Curt. Brit. Ent.* xii. 553—Hydrometra thoracica, *H.-Sch. Wanz. Ins.* ix. 67, pl. 301, f. 928. *Flor. Rhyn. Liv.* i. 739. *Fieb. Eur. Hem.* 108. *Dougl. and Scott, Hem.* 562—Limnotrechus thoracicus, *Stal.*

a, *b*. France.

7. Gerris lateralis.

Gerris lateralis, *Schum. Plot.* 39, pl. 3, f. 12; pl. 13—15 — Hydrometra lateralis, *Fieb. Eur. Hem.* 108. *H.-Sch. Wanz. Ins.* ix. 74, pl. 2, f. 9 —Limnotrechus lateralis, *Stal.*

Germany.

8. Gerris aspera.

Hydrometra aspera, *Fieb. Eur. Hem.* 108—Limnotrechus asper, *Stal.*

Bohemia. Galicia.

9. Gerris gibbifera.

Gerris gibbifera, *Schum. Beitr.* ii. 41, pl. 3, f. 5—7 — Hydrometra gibbifera, *H.-Sch. Wanz. Ins.* ix. 72, pl. 301, f. 929. *Fieb. Eur. Hem.* 108. *Dougl. and Scott, Hem.* 564—Limnotrechus gibbifer, *Stal.*

Europe.

10. Gerris lacustris.

——— ———, *Geoffr. Ins.* i. 463. *Stoll, Pun.* 42, pl. 9, f. 63. *Deg. Ins.* iii. 311—Cimex lacustris, *Linn. Faun. Suec.* 970; *Syst. Nat.* 2732. *Tign. Hist. Nat. Ins.* iv. 283—Hydrometra lacustris, *Fabr. Syst. Rhyn.* 256. *H.-Sch. Wanz. Ins.* ix. 73, pl. 301, f. 930. *Burm. Handb. Ent.* ii. 210. *Flor. Rhyn. Liv.* i. 742. *Ramb. Faun. And.* ii. 185. *Fieb. Eur. Hem.* 109. *Dougl. and Scott, Hem.* 566—Gerris lacustris, *Latr. Gen.* iii. 134. *Schum. Beitr.* ii. 43, pl. 3, f. 11. *Blanch. Hist. Nat. Ins.* iii. 98; *Hem.* pl. 1, f. 6. *Serv. Hist. Hem.* 417—Gerris variabilis, *Curt. Brit. Ent.* xii. 553.

a, *b*. France.

11. Gerris odontogaster.

Gerris lacustris, var. e, *Latr. Gen.* iii. 133—Hydrometra odontogaster, *Zett. H.-Sch. Wanz. Ins.* ix. 73, pl. 301, f. 931. *Fieb. Eur. Hem.* 109—Limnotrechus odontogaster, *Stal.*

North and Middle Europe.

12. Gerris argentata.

Gerris argentata, *Schum. Beitr.* ii. 49. *H.-Sch. Nom. Ent.* i. 63—Hydrometra argentata, *H.-Sch. Wanz. Ins.* ix. 74, pl. 301, f. 932. *Flor. Rhyn. Liv.* i. 740. *Fieb. Eur. Hem.* 109. *Dougl. and Scott, Hem.* 568—Limnotrechus argentatus, *Stal.*

Middle Europe.

13. Gerris Servillei.

Hydrometra Servillei, *Meyer, Grei-Gessner. Mitth. Schweiz. Ent. Ges.* 1864, 228—Limnotrechus Servillei, *Stal.*

Switzerland.

14. Gerris abbreviata.

Hydrometra abbreviata, *Fabr. Syst. Rhyn.* 258. *Stal, Hem. Fabr.* i. 130.

Pyrenees.

North America.

15. Gerris aptera.

aptera, *Schum.*

a—d. Illinois. Presented by F. Walker, Esq.
e—h. Indiana. Presented by F. Walker, Esq.

16. Gerris franciscana.

franciscana, *Stal, Eug. Resa, Hem.* 265.

California.

17. Gerris orba.

orba, *Stal, Eug. Resa, Hem.* 264.

California.

18. Gerris robusta.

Hygrotrechus robustus, *Pack. Amer. Journ. Sci.* 1871.

California.

West Indies.

19. Gerris marginata.

marginatus, *Guér. Icon. B. An. Ins.* 351, pl. 57, f. 2; *Sagra, Hist. Cuba, Ins.* 415.

Cuba.

South America.

20. GERRIS ERYTHROPUS.

Hydrometra erythropus, *H.-Sch. Wanz. Ins.* ix. 68, pl. 300, f. 923.

Brazil.

Div. 2.

Limnogonus, *Stal*, *Hem. Fabr.* i. 132.

21. GERRIS HYALINA.

Hydrometra hyalina, *Fabr. Syst. Rhyn.* 258—Limnogonus hyalina, *Stal*, *Hem. Fabr.* i. 133.

South America.

Africa.

22. GERRIS SWAKOPENSIS.

Gerris Swakopensis, *Stal*, *Ofv. K. V. Ak. Forh.* xv. 318—Tenagogonus Swakopensis, *Stal*, *Hem. Afr.* iii. 169.

South Africa.

23. GERRIS DIVERSA.

Hydrometra diversa, *Mayr*, *Reise Novara Zool.* ii.; *Hem.* 169, f. 52. *Verh. Zool. Bot. Ges. Wien.* xvi. 365.

Cape.

South Asia.

24. GERRIS FOSSARUM.

Cimex fossarum, *Fabr. Syst. Ent.* 727; *Sp. Ins.* ii. 375; *Mant. Ins.* ii. 308—Gerris fossarum, *Fabr. Ent. Syst.* iv. 188. *Wolff*, *Ic. Cim.* iii. 118, pl. 12, f. 112—Hydrometra fossarum, *Fabr. Syst. Rhyn.* 258—Limnogonus fossarum, *Stal*, *Hem. Afr.* i. 133.

Hindostan.

25. GERRIS DISCOLOR.

discolor, *Stal*, *Eug. Resa*, 265—Limnogonus discolor, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 705.

China. Manilla. Tahiti.

Div. 2.

Tenagogonus, *Stal*, *Ofv. K. V. Ak. Forh.* x. 263.

26. GERRIS FLUVIORUM.

Gerris fluviorum, *Fabr. Ent. Syst. Suppl.* 543—Hydrometra fluviorum, *Fabr. Syst. Rhyn.* 257—Tenagogonus fluviorum, *Stal*, *Hem. Afr.* iii. 169—Limnometra fluviorum, *Stal*, *Hem. Fabr.* i. 132.

Bombon. Tranquebar (according to Fabr.)

27. Gerris armata.

Gerris armata, *Spin. Hem.* 65—Limnometra armata, *Mayr*, *Novara Hem.* 175.

Ceylon.

28. Gerris nitida.

Hydrometra nitida, *Mayr*, *Verh. Zool. Bot. Gesell. Wien.* xv. 443; *Novara Hem.* 170, f. 51.

Ceylon.

29. Gerris parvula.

parvula, *Stal*, *Eug. Resa*, 265.

Wampoa, China.

30. Gerris pectoralis.

Hydrometra pectoralis, *Mayr*, *Verh. Zool. Bot. Gesell. Wien.* xv. 443; *Novara Hem.* 170, f. 50.

Ceylon.

Div. 3.

Hydrobates, *Erichs.*—Cylindrostethus, *Fieb.*

31. Gerris Fieberi.

Cylindrostethus Fieberi, *Mayr*, *Verh. Zool. Bot. Gesell. Wien.* xv. 444.

Ceylon.

Eastern Isles.

Div. 4.

Limnometra, *Mayr*, *Verh. Zool. Bot. Ges.* xv. 443; *Novara Hem.* 174.

32. Gerris femorata.

Limnometra femorata, *Mayr*, *Verh. Zool. Bot. Gesell. Wien.* xv. 443.

Philippine Isles.

33. Gerris ciliata.

Limnometra ciliata, *Mayr*, *Verh. Zool. Bot. Ges. Wien.* xv. 444.

Java.

34. Gerris inermis.

Limnometra inermis, *Mayr*, *Verh. Zool. Bot. Ges. Wien.* xv. 444.

Philippine Isles.

35. Gerris nigripennis.

Limnometra nigripennis, *Mayr*, *Verh. Zool. Bot. Ges. Wien.* xv. 443.

Philippine Isles.

36. Gerris pulchra.

Limnometra pulchra, *Mayr*, *Verh. Zool. Bot. Ges. Wien.* xv. 443.

a. Java. Presented by J. C. Bowring, Esq.
b, *c*. Sarawak. Presented by W. W. Saunders, Esq.
d. Celebes. Presented by W. W. Saunders, Esq.

37. Gerris minuta.

Limnometra minuta, *Mayr*, *Verh. Zool. Bot. Gesell. Wien.* xv. 444; *Novara Hem.* 176.

Sumbelong, Nicobar Isles.

38. Gerris vittipes.

Hydrobates vittipes, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 705.

Philippine Isles.

Australia.

39. Gerris cursitans.

Cimex cursitans, *Fabr. Syst. Ent.* 729; *Sp. Ins.* ii. 377; *Mant. Ins.* ii. 308—Gerris cursitans, *Fabr. Ent. Syst.* 192—Hydrometra cursitans, *Fabr. Syst. Rhyn.* 259—Limnometra cursitans, *Stal*, *Hem. Fabr.* i. 131.

Australia.

Genus 2. PTILOMERA.

Ptilomera, *Serv. Hist. Hem.* 413.

1. Ptilomera laticauda.

Gerris laticauda, *Hardw. Trans. Linn. Soc.* xiv. 131—Ptilomera laticauda, *Serv. Hist. Hem.* 414, pl. 8, f. 3. *H.-Sch. Wanz. Ins.* ix. 65, pl. 305, f. 940—Ptilomera Cingalensis, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 190—Ptilomera tigrina? *Uhler*, *Proc. Acad. Nat. Sci. Phil.* 1860, 230.

Java. China.

a, *b*. Nepaul. Presented by Major-Gen. Hardwicke.
c. Hindostan. From the Entomological Society's collection.
d. North Hindostan. From Capt. Strachey's collection.
e, *f*. Ceylon. Presented by Dr. Templeton.

Genus 3. HALOBATES.

Halobates, *Esch. Entomogr.* 164. *De Lap. Burm. Handb. Ent.* ii. 208. *Serv. Hist. Hem.* 411.

1. Halobates pictus.

pictus, *Germ. H.-Sch. Wanz. Ins.* viii. 111, pl. 286, f. 832, 833.

a—*h*. Indiana. Presented by F. Walker, Esq.

2. Halobates sericeus.

sericeus, *Esch. Entomogr.* 164. *Burm. Handb. Ent.* ii. 209. *Blanch. Hist. Nat. Ins.* iii. 98. *Serv. Hist. Hem.* 413.

Cape. N. Pacific. Cuba.

3. Halobates micans.

micans, *Esch. Entomogr.* 163, pl. 2, f. 3. *Burm. Handb. Ent.* ii. 268. *H.-Sch. Wanz. Ins.* viii. 10.

S. Atlantic. S. Pacific.

4. Halobates flaviventris.

flaviventris, *Esch. Entomogr.* 165, pl. 2, f. 5. *Burm. Handb. Ent.* ii. 209.

S. Atlantic.

5. Halobates lituratus.

lituratus, *Stal, Ofv. K. V. Ak. Forh.* xi. 238; *Eug. Resa,* 264. *Mayr, Novara Hem.* 177.

Wampoa. China.

6. Halobates Wullerstorffi.

Wullerstorffi, *Frauenf. Verh. Zool. Bot. Ges. Wien.* xvii. 458, pl. 12, f. 1, 2, 6, 8, 10.

Off Cape Irio.

Div. 2.

Brachymetra, *Mayr, Verh. Zool. Bot. Gesell. Wien.* xv. 445; *Novara Hem.* 128.

7. Halobates albinervus.

albinervus, *Serv. Hist. Hem.* 412—Brachymetra albinervus, *Mayr, Verh. Zool. Bot. Wien.* xv. 445; *Novara Hem.* 178.

Brazil.

Div. 3.

Metrocoris, *Mayr, Verh. Zool. Bot. Gesell. Wien.* xv. 445; *Novara Hem.* 178.

8. Halobates brevis.

Metrocoris brevis, *Mayr, Verh. Zool. Bot. Gesell. Wien.* xv. 445; *Novara Hem.* 179, f. 56.

a. Ceylon. Presented by Dr. Dr. Templeton.

HYDROCORISA.

A. Two ocelli. Bigemmi. - - - - 1. Galgulidæ.
B. No ocelli. Abgemmi.
a. Head horizontal or triangular and vertical. Fore tibiæ raptorial. Hind tarsi with two claws. Pedirapti.
* Body broad. Antennæ 4-jointed. - - - 2. Naucoridæ.
** Body elongated. Antennæ 3-jointed. - - 3. Nepidæ.
b. Head large, rounded, sloping. Fore tibiæ not raptorial. Hind tarsi generally remiform. Pediremi.
* Rostrum hidden. Fore tarsi with an apparent joint. - - - - - - 4. Corixidæ.
** Rostrum apparent. Fore tarsi generally with two distinct joints. - - - - - 5. Notonectidæ.

Fam. 1. GALGULIDÆ.

Galgulidæ, *Serv. Hist. Hem.* 423—Mononychida, *Stal, Hem. Afr.* iii. 171.

A. Fore tarsi with two claws. - - - - Galgulus.
B. Fore tarsi with one claw. - - - - Mononyx.

Genus 1. GALGULUS.

Galgulus, *Latr. Hist. Nat. Ins.* xii. 286. *Burm. Handb. Ent.* ii. 201. *Serv. Hist. Hem.* 424. *H.-Sch. Wanz. Ins.* v. 87, pl. 174, ix. 24; pl. 291, f. A.

1. Galgulus oculatus.

Naucoris oculata, *Fabr. Ent. Syst. Suppl.* 525; *Syst. Rhyn.* 111—Galgulus oculatus, *Latr. Hist. Nat. Ins.* xii. 286, pl. 95, f. 9; *Gen.* iii. 144. *St. Farg. et Serv. Enc.* x. 271. *De Lap. Hem.* pl. 52, f. 3. *Burm. Handb. Ent.* ii. 202. *Blanch. Hist. Nat. Ins.* iii. 93. *Serv. Hist. Hem.* 425. *Stal, Hem. Fabr.* i. 133.

a—e. St. John's Bluff, E. Florida. Presented by E. Doubleday, Esq.
f—k. Florida. Presented by F. Walker, Esq.
l—n. Florida. Presented by W. W. Saunders, Esq.
o—r. Indiana. Presented by F. Walker, Esq.
s—u. Orizaba. From M. Sallé's collection.
v. Mexico. Presented by the Entomologieal Club.
w—aa Columbia. From M. Goudot's collection.
bb—ff. Columbia. From Mr. Turner's collection.
gg. Archidona. From Mr. Stevens' collection.
hh. Para. From Mr. Bates' collection.
ii. Para. From Mr. Wallace's collection.
jj. Cuenca. From Mr. Fraser's collection.
kk. North America. Presented by Sir R. I. Murchison.

2. Galgulus bufo.

Galgulus bufo, *Lefebvre*. *H.-Sch. Wanz. Ins.* v. 88, pl. 174, f. 536.

America.

3. Galgulus pulcher.

pulcher, *Stal*, *Ofv. K. V. Ak. Forh.* xi. 239.

Mexico.

Genus 2. MONONYX.

Mononyx, *De Lap. Hem.* 16. *Burm. Handb. Ent.* ii. 201. *Serv. Hist. Hem.* 425. *H.-Sch. Wanz. Ins.* ix. 25, pl. 291, f. B—G.

Divisions of Mononyx.

A. Prothorax bent hindward in the middle. Membrane distinct.
a. Disk of the prothorax slightly elevated. Mesosternum with a longitudinal keel, which is hardly acutely elevated hindward. - - - - Mononyx.
b. Disk of the prothorax distinctly elevated. Keel of the mesosternum abruptly and obtusely much elevated hindward. - - - - - Phintius.
B. Prothorax truncated hindward and not or very slightly bent. Membrane indistinct, or confused with the corium. - - - - - - Matinus.

1. Mononyx Nepæformis.

Naucoris Nepæformis, *Fabr. Syst. Ent.* 693; *Sp. Ins.* ii. 335; *Mant. Ins.* ii. 277; *Ent. Syst.* iv. 67; *Syst. Rhyn.* 111—Mononyx raptorius, *Burm. Handb. Ent.* ii. 201. *Am. et Serv. Hist. Hem.* 426. *H.-Sch. Wanz. Ins.* ix. 27, f. 895. *Blanch. Hist. Nat. Ins.* iii. 93—Mononyx bipunctatus, *Stal*, *Ofv. Vet. Ak. Forh.* xi. 239; *Berl. Ent. Zeit. Schr.* vii. 405—Mononyx Nepæformis, *Stal*, *Hem. Fabr.* i. 134.

West Indies.

2. Mononyx raptorius.

Naucoris raptoria, *Fabr. Syst. Rhyn.* 111. *St. Farg. et Serv.* x. 271—Mononyx raninus, *H.-Sch. Wanz. Ins.* ix. 28, pl. 291, f. 396—Mononyx bipunctatus, *Stal*, *Ofv. K. V. Ak. Forh.* xi. 239; *Rio Jan. Hem.* i. 82.

a. Brazil.
b. Rio Janeiro. Presented by A. Fry, Esq.
c. Brazil. Presented by W. W. Saunders, Esq.
d—g. Columbia. From M. Goudot's collection.
h. Mexico. From Mr. Argent's collection.
i. Constancia. Presented by the Rev. H. Clark.
j. Tunantins. From Mr. Bates' collection.
k—m. Columbia. From Mr. Dyson's collection.

n. Rio Grande. Presented by W. W. Saunders, Esq.
o. Orizaba. From M. Sallé's collection.
p. Cuenca. From Mr. Fraser's collection.
q. Oajaca. From M. Hartweg's collection.
r. Brazil. From Mr. Stevens' collection.

3. Mononyx fuscoconspersus.

fuscoconspersus, *Stal*, *Rio Jan. Hem.* 82.

Rio Janeiro.

4. Mononyx parvulus.

parvulus, *Sgnt. A. S. E. F.* 4*me Sér.* iii. 588.

Chili.

5. Mononyx badius.

badius, *H.-Sch. Wanz.* ix. 27, pl. 291, f. 894.

Mexico. Mosquito Coast.

6. Mononyx amplicollis.

amplicollis, *Stal*, *Ofv. K. V. Ak. Forh.* xi. 239.

Columbia.

7. Mononyx obscurus.

obscurus, *Stal*, *Ofv. K. V. Ak. Forh.* xi. 239.

Mexico.

Div. 2.

Phintius, *Stal*, *Ofv. K. V. Ak. Forh.* xviii. 201.

8. Mononyx grandicollis.

grandicollis, *Germ. Silb. Rev. Ent.* v. 122—sordidus, *H.-Sch. Wanz. Ins.* ix. 26, pl. 291, f. 893 — limigenus, *Stal*, *Ofv. K. V. Ak. Forh.* xi. 46—rotundicollis, *Sgnt. Arch. Ent.* ii. 329—Phintius grandicollis, *Stal*, *Hem. Afr.* iii. 172.

Sierra Leone. Gabon. Madagascar.

a. Natal. From M. Gueinzius' collection.

Div. 3.

Matinus, *Stal*, *Ofv. K. V. Ak. Forh.* xviii. 201.

9. Mononyx alaticollis.

alaticollis, *Stal.*

Genus 3. PELTOPTERUS.

Peltopterus, *Guér. Rev. Zool.* 1843, 113. *Stal, Hem. Afr.* iii. 173—Scylœcus, *Stal, Ofv. K. V. Ak. Forh.* xviii. 201.

1. Peltopterus rugosus.

Naucoris rugosa, *Desj. A. S. E. F.* vi. 239; *Serv. A. S. E. F.* vi. 243—Peltopterus rugosus, *Guér. Rev. Zool.* 1843, 113. *Stal, Hem. Afr.* iii. 173.

Mauritius.

2. Peltopterus macrothorax.

Galgulus macrothorax, *Mtrz. Ann. Sci. Phys.* 2*me Sér.* vii. 1, 110—Peltopterus macrothorax, *Stal, Ofv. K. V. Ak. Forh.* xxvii. 706.

Philippine Isles.

PEDIRAPTI.

Fam. NAUCORIDÆ.

Naucoridæ, *Serv. Hist. Hem.* 426 — Naucoridæ and Aphelochiræ, *Fieb. Eur. Hem.* 32—Naucorida and Belostomadida, *Stal, Hem. Afr.* iii. 174, 178—Aphelochirina, Aphelochiridæ, Naucorina and Naucoridæ, *Dougl. and Scott, Hem.* 43—45—Naucorina and Belostomina, *Stal, Ofv. K. V. Ak. Forh.* xxvii. 706.

A. Membrane developed.
 a. Fore tarsi two-jointed.
  * Fore tarsi with one claw.
   † First joint of the fore tarsi shorter than the second; claw as long as the two joints together. - - Belostoma.
   †† First joint of the fore tarsi as long as the second; claw shorter than the second joint. - - - Zaitha.
  ** Fore tarsi with two claws. - - - - Appasus.
 b. Fore tarsi with one joint. - - - - Naucoris.
B. Membrane rudimentary.
 a. Fore tarsi with two joints. - - - - Spherodema.
 b. Fore tarsi with one joint. - - - - Diplonychus.

Borberotrephes is distinguished from Appasus by the fore femora not incrassated; Benacus from Belostoma by the fore femora not furrowed beneath; Hydrocyrius from Belostoma by having two claws on the fore tarsi; Serphus and Abedus from Zaitha by having the metasternum keeled; Nervinops from Sphærodoma and Appasus by the one-jointed fore tarsi; Serphus from Abedus as follows:—

‡ First and second joints of the rostrum about equal in length. Third joint of the antennæ with a short acute process. Commissural border of the clavus

longer than the scutellar border. Membrane short, with longitudinal veins. - - - - SERPHUS.

‡‡ First joint of the rostrum slightly longer than the second. Second and third joints of the antennæ with a long process. The two borders of the clavus equally long, or the commissural a little shorter than the scutellum. Membrane very narrow. - ABEDUS.

Genus 1. BELOSTOMA.

Belostoma, *Latr. Gen.* iii. 144. *Serv. Hist. Hem.* 427. *Stal, Hem. Afr.* iii. 182—Belostomum, *Burm. Handb. Ent.* ii. 195.

Div. 1.

The two following are uncertain species.

BELOSTOMA MEDIA.

medium, *Guér. Sagra, Hist. Cuba, Ins.* 418.

Cuba.

BELOSTOMA CURTA.

curtum, *Guér. Sagra, Hist. Cuba, Ins.* 419.

Cuba.

1. BELOSTOMA ABERRANS.

aberrans, *Mayr, Verh. Z. B. G. V. Wien.* xxi. 424.

Hindostan.

2. BELOSTOMA DEYROLLEI.

Deyrollei, *De Vuill. A. S. E. F.* 4*me Sér.* iv. 141, pl. 1, f. 5.

Japan.

3. BELOSTOMA COLOSSICA.

colossicum, *Stal, Ofv. K. V. Ak. Forh.* xi. 240; xviii. 205—Amorgius (*Stal, Hem. Afr.* iii. 179) colossicus, *Stal, Berl. Ent. Zeit.* x.

Mexico. Cuba. Honduras.

4. BELOSTOMA GRANDIS.

——— ———, *Roes. Ins.* iii. pl. 26. *Stoll, Pun.* pl. 7, f. 4—Nepa grandis, *Linn. Syst. Nat.* i. 2, 713; *Mus. Ulr.* 164. *Deg. Ins.* iii. 379. *Fabr. Syst. Rhyn.* 106. *Oliv. Enc.* viii. 189—Belostoma grandis, *St. Farg. et Serv. Enc.* x. 272, pl. 121 (Nepa) f. 1—Belostoma grande, *Serv. Hist. Hem.* 429. *Mayr, Verh. Z. B. G. V. Wien.* xxi. 425—Belostomum grande, *Burm. Handb. Ent.* ii. 195.

Cuba.

a. Para.
b. Guayaquil. Presented by Dr. Hooker.

5. Belostoma Indica.

——— ———, *Stoll*, *Pun.* 34, pl. 7, f. 4—Belostoma Indica, *St. Farg. et Serv. Enc.* x. 272—Belostoma Indicum, *Serv. Hist. Hem.* 429. *Mayr*, *Verh. Z. B. G. V. Wien.* xxi. 426.

Ceylon. Cochin China. Philippine Isles. Australia.

a, *b*. China. Presented by Mrs. Mason.
c, *d*. North China. From Mr. Fortune's collection.
e. Japan. From Mr. Stevens' collection.
f. Buru. Presented by W. W. Saunders, Esq.
g. Tenasserim. Presented by — Packman, Esq.
h. Silhet.
i. North China. From Mr. Fortune's collection.
j. Madras. Presented by — Jerdan, Esq.
k. Celebes. From Mr. Wallace's collection.
l. Celebes. Presented by W. W. Saunders, Esq.
m. North Bengal. From Lieut. Campbell's collection.
n. Hindostan. From Archdeacon Clerk's collection.
o. Silhet. From the Rev. Mr. Stainforth's collection.
p. Java. Presented by J. C. Bowring, Esq.
q. Off the Persian Gulf. "There was an immense cloud of them." Presented by John Doubleday, Esq.
r. Ashanti.
s. Corfu. Presented by Sir J. Richardson.
t. Natal. From M. Gueinzius' collection.

6. Belostoma angustipes.

angustipes, *Mayr*, *Verh. Z. B. G. V. Wien.* xxi. 427.

Mexico.

7. Belostoma annulipes.

annulipes, *H.-Sch. Wanz. Ins.* viii. 28, pl. 258, f. 803, 804. *Mayr*, *Verh. Z. B. G. V. Wien.* xxi. 427—ruficeps, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 382—Signoreti, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 382.

Cuba. New Granada. Venezeula. Surinam. Brazil.

8. Belostoma grisea.

grisea, *Say*, *Ins. N. Harm. Ind.* 809—grande *var.* Americanum, *Leidy*, *Journ. Acad. Nat. Sci. Phil. N. Ser.* i. 66—impressum, *Hald. Proc. Acad. Nat. Sci. Phil.* vi. 364—litigiosum, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 383—obscurum, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 383—griseum, *Mayr*, *Verh. Z. B. G. V. Wien.* xxi. 426—grisescens, *Stal*, *Ofv. K. V. Ak. Forh.* xviii. 285.

a. Mexico. Illinois. Presented by F. Walker, Esq.

Div. 2.

Benacus, *Stal*, *Ofv. K. V. Ak. Forh.* xix. 205. *Mayr*, *Verh. Z. B. G. V. Wien.* xxi. 128.

9. Belostoma Haldemana.

Belostoma Haldemanum, *Leidy*, *Journ. Acad. Nat. Sci. Phil. N. Ser.* i. 66—Benacus Haldemanus, *Stal*, *Ofv. K. V. Ak. Forh.* xix. 205. *Mayr*, *Verh. Z. B. G. V. Wien.* xxi. 128—Belostoma harpax, *Stal*, *Ofv. K. V. Ak. Forh.* xi. 240—Belostoma ruficeps, *var.*, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 382—Belostoma distinctum, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 382—Belostoma angustatum? *Guér. Sagra Hist. Cuba*, vii. 420.

a. North America. Presented by Sir R. I. Murchison.
b, *c*. Cincinnati. Presented by E. Doubleday, Esq.
d. New York. Presented by E. Doubleday, Esq.
e. New York. Presented by F. Walker, Esq.
f. Nova Scotia. From Lieut. Redman's collection.

Div. 3.

Hydrocyrius, *Spin. Tav. Sin. Ins. Artr.* 146. *Stal*, *Hem. Afr.* iii. 181—Ilyotrephes, *Stal*, *Ofv. K. V. Ak. Forh.* x. 264.

10. Belostoma Columbiæ.

Hydrocyrius Columbiæ, *Spin. Tav. Sin. Ins. Artr.* 147. *Mayr*, *Verh. Z. B. G. V. Wien.* xxi. 429—Belostoma grande, *Lucas*, *Hist. Nat. An. Art. Alg.* iii. 43—Ilyotrephes herculeus, *Stal*, *Ofv. K. V. Ak. Forh.* xiii. 46—Belostoma Algeriense, *L.-Duf. Mem. Ac. Sci. Liège*, 1855, 186, pl. 1, f. 1—10—Hydrocyrius Algeriensis, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 385—Belostoma cosmopolitanum? *Coinde*, *Rev. Zool.* 1863—Belostoma capitatum, *Guér*, *Sagra Hist. Cuba*, vii. 420—Hydrocyrius punctatus, *Stal*, *Hem. Afr.* iii. 182.

Mexico. Cuba. Africa. Madagascar.

11. Belostoma recta.

Hydrocyrius rectus, *Mayr*, *Verh. Z. B. G. V. Wien.* xiii. 359; xxi. 430.

Sierra Leone.

Div. 4.

Pedinocoris, *Mayr*, *Verh. Zool. Bot. Ver. Wien.* xiii. 347; xxi. 405.

12. Belostoma macronyx.

macronyx, *Mayr*, *Verh. Z. B. V. Wien.* xiii. 350, pl. 11, f. 1—4; xxi 405.

California.

13. Belostoma brachonyx.

brachonyx, *Mayr*, *Verh. Z. B. V. Wien.* xiii. 351, pl. 11, f. 5; xxi. 405.

California.

Div. 5.

Serphus, *Stal*, *Stett. Ent. Zeit.* 1862, 462. *Mayr*, *Verh. Zool. Bot. Ver. Wien.* xxi. 403.

14. Belostoma dilatata.

dilatata, *Say*, *N. Harm. Ind.* 1831, 810; *Works ed. Lec.* i. 366—Serphus dilatatus, *Stal*, *Stett. Ent. Zeit.* xxiii. 462. *Mayr*, *Verh. Zool. Bot. Ver. Wien.* xxi. 403.

Mexico.

Div. 6.

Abedus, *Stal*, *Stett. Ent. Zeit.* xxiii. 461. *Mayr*, *Verh. Z. B. V. Wien.* xxi. 403—Stenoscytus, *Mayr*, *Verh. Z. B. V. Wien.* xiii. 343.

15. Belostoma ovata.

Abedus ovatus, *Stal*, *Stett. Ent. Zeit.* xxiii. 461. *Mayr*, *Verh. Z. B. V. Wien.* xxi. 404—Stenoscytus Mexicanus, *Mayr*, *Verh. Z. B. V. Wien.* xiii. 347, pl. 11, f. 6—10.

Mexico.

16. Belostoma breviceps.

Abedus breviceps, *Stal*, *Stett. Ent. Zeit.* xxiii. 462. *Mayr*, *Verh. Z. B. V. Wien.* xxi. 404.

Mexico.

17. Belostoma Signoreti.

Abedus Signoreti, *Mayr*, *Verh. Z. B. V. Wien.* xxi. 404.

Mexico. Guatemala.

18. Belostoma vicina.

Abedus vicinus, *Mayr*, *Verh. Z. B. V. Wien.* xxi. 405.

Oaxaca.

Genus 2. ZAITHA.

Zaitha, *Serv. Hist. Hem.* 430. *H.-Sch. Wanz. Ins.* ix. 35. *Mayr. Verh. Z. B. V. Wien.* xxi. 406—Perthostoma, *Leidy*, *Journ. Acad. Nat. Sci. Phil. N. Ser.* i. 66.

1. Zaitha Stollii.

——— *Stoll. Pun.* ii. pl. 1, f. 1—Nepa rustica, *Fabr. Syst. Ent.* 691—Zaitha Stollii, *Serv. Hist. Hem.* 430. *H.-Sch. Wanz.* ix. 35, pl. 192. f. 897, 898. *Mayr*, *Verh. Z. B. V. Wien.* xxi. 410—Z. indentata, *Hald. Proc. Acad. Nat. Sci. Phil.* vi. 364.

Mexico. Cayenne.

2. Zaitha marginеguttata.

marginеguttata, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 387. *Mayr, Verh. Z. B. V. Wien.* xxi. 410—carbonaria, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 388—Stollii, *Mayr, Verh. Z. B. V. Wien.* xiii. 352.

Brazil.

3. Zaitha dilatata.

dilatata, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 387, pl. 22, f. 14. *Mayr, Verh. Z. B. V. Wien.* xxi. 411.

Amazon Region.

4. Zaitha foveolata.

foveolata, *Mayr, Verh. Z. B. V. Wien.* xxi. 411.

Cayenne.

5. Zaitha eumorpha.

eumorpha, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 386. *Mayr. Z. B. V. Wien.* xxi. 411—dentata, *Mayr. Verh. Z. B. G. V. Wien.* xiii. 356.

Brazil.

6. Zaitha anurus.

Diplonychus anurus, *H.-Sch. Wanz. Ins.* viii. 26, pl. 257, f. 799—Zaitha anurus, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 388. *Mayr, Verh. Z. B. G. V. Wien.* xxi. 412—Zaitha Boscii, *H.-Sch. Wanz. Ins.* ix. 36. *Mayr, Verh. Z. B. G. V. Wien.* xiii. 354—Zaitha Stollii, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 387, partly—Zaitha cupreomicans, *Stal, Ofv. K. V. Ak. Forh.* xi. 240—Zaitha subspinosa, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 387—Zaitha bifoveolata? *Hald. Expl. Salt Lake, Utah,* 1852, pl. 10, f. 1.

Cuba. Brazil.

a. Monte Video. Presented by W. W. Saunders, Esq.

7. Zaitha boops.

boops, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 388, partly. *Mayr, Verh. Z. B. G. V. Wien.* xxi. 414—Stollii, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 387, partly—Asiatica, *Mayr, Verh. Z. B. G. V. Wien.* xiii. 354.

Brazil. Chili.

8. Zaitha elliptica.

elliptica, *Latr. Humboldt, Rec.*, &c., ii. 105, pl. 39, f. 4. *Mayr, Verh. Z. B. Wien.* xxi. 415.

Mexico.

9. Zaitha elegans.

elegans, *Mayr, Verh. Z. B. Wien.* xxi. 415.

Buenos Ayres. Uruguay.

10. Zaitha bifoveolata.

Belostoma bifoveolatum, *Spin. Faun. Chili*, vii. 227—Zaitha bifoveolata, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 389. *Mayr, Verh. Z. B. Wien.* xxi. 416.

Chili.

11. Zaitha fluminea.

Belostoma fluminea, *Say, MS. N. Harm. Ind.* 809; *Works ed. Lec.* 364—Zaitha fluminea, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 388. *Mayr, Verh. Z. B. Wien.* xxi. 416.

United States.

12. Zaitha testacea.

Perthostoma testaceum, *Leidy, Journ. Acad. N. Sci. Phil.* 2*nd Ser.* i. 60—Zaitha reticulata, *Hald. Expl. Valley, Salt Lake, Utah*, 370—Zaitha testacea, *Mayr. Verh. Z. B. Wien.* xxi. 417.

South Carolina. Texas.

13. Zaitha aurantiaca.

Perthostoma aurantiacum, *Leidy, Journ. Nat. Sci. Phil.* 2*nd Ser.* i. 160—Zaitha lutaria, *Stal, Ofv. K. V. Ak. Forh.* xii. 190. *Mayr, Verh. Z. B. G. V. Wien.* xxi. 416.

a. Canada.
b—h. Illinois. Presented by F. Walker, Esq.
i. Erie. Presented by E. Doubleday, Esq.
j. North America. Presented by the Entomological Club.
k—p. Oajaca. From M. Sallé's collection.

14. Zaitha angulata.

Perthostoma angulatum, *Uhler*.

a. Matameras. Presented by F. Walker, Esq.

15. Zaitha fusciventris.

fusciventris, *Stal*.

Mexico.

16. Zaitha minor.

minor, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 391. *Mayr, Verh. Z. B. G. Wien.* xxi. 417.

Mexico. Brazil.

17. Zaitha oxyura.

oxyura, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 390. *Mayr, Verh. Z. B. G. V. Wien.* xxi. 417.

Monte Video. Buenos Ayres.

18. Zaitha plebeia.

plebeia, *Stal*, *Rio Jan. Hem.* 83. *Mayr*, *Verh. Z. B. G. V. Wien.* xxi. 418—maculosa, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 389—limbata, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 390—adusta, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 390—difficilis, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 391—Z.? micantula, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 391.

Venezuela. Brazil.

19. Zaitha pygmæa.

pygmæa, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 391. *Mayr*, *Verh. Z. B. G. Wien.* xxi. 421.

Buenos Ayres?

20. Zaitha micantula.

micantula, *Stal*, *Rio Jan. Hem.* 84. *Mayr*, *Verh. Z. B. G. V. Wien.* xxi. 420.

Rio Janeiro. Buenos Ayres.

Div. 2.

Nectocoris, *Mayr*, *Verh. Z. B. G. V. Wien.* xxi. 432.

21. Zaitha Stali.

Nectocoris Stali, *Mayr*, *Verh. Z. B. G. V. Wien.* xxi. 432.

Hindostan.

Genus 3. APPASUS.

Appasus, *Serv. Hist. Hem.* 430. *Stal*, *Hem. Afr.* iii. 183—Amyotella? *Spin. Tav. Sin.* 49.

1. Appasus nepoides.

Naucoris nepoides, *Fabr. Syst. Rhyn.* 111.—Appasus nepoides, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 394. *Stal. Hem. Fabr.* i. 134—Diplonychus luridus? *Germ. Silb. Rev. Ent.* v. 121—Appasus natator, *Serv. Hist. Hem.* 431.

Egypt. Senegal. Natal.

2. Appasus Capensis.

natator, *Stal*, *Hem. Afr.* iii. 184—Capensis, *Mayr*, *Verh. Z. B. G. V. Wien.* xxi. 434.

Cape. Eastern Africa.

Div. 2.

Limnogeton, *Mayr*, *Verh. Zool. Bot. Ver. Wien.* ii. 15. *Stal*, *Hem. Afr.* iii. 180—Borberotrephes, *Stal*, *Ofv. K. V. Ak. Forh.* xi. 239.

3. Appasus Fieberi.

Limnogeton Fieberi, *Mayr*, *Verh. Z. B. G. V. Wien.* ii. 16—Borberotrephes Hedenborgi, *Stal*, *Ofv. K. V. Ak. Forh.* xi. 24; xiii. 66, pl. 1, f. 5; *Hem. Afr.* iii. 180.

4. Appasus scutellatus.

Limnogeton scutellatum, *Mayr*, *Verh. Z. B. G. Wien.* xiii. 361; xxi. 431.

Chartum.

Genus 4. SPHÆRODEMA.

Sphærodema, *Le Lap. Hem.* 18. *Serv. Hist. Hem.* 436—Diplonychus, *Burm. Handb. Ent.* ii. 194.

1. Sphærodema annulata.

Nepa annulata, *Fabr. Syst. Rhyn.* 196. *Oliv. Enc.* viii. 189—Sphærodema rotundata, *De Lap. Hem.* 18, pl. 52, f. 1—Belostoma marginata, *Gray*, *Griff. An. K. Ins.* 248, pl. 93, f. 4—Diplonychus annulatus, *Burm. Handb. Ent.* ii. 194. *Blanch. Hist. Nat. Ins.* iii. 91. *H.-Sch. Wanz. Ins.* viii. 25, pl. 257, f. 798—Sphærodema annulatum, *Serv. Hist. Hem.* 436.

a. Hindostan. Presented by J. C. Bowring, Esq.
b, *c*. Hindostan.
d. Bengal.
e. North Bengal. From Lieut. Campbell's collection.
f. Silhet. From Mr. Argent's collection.
g, *h*. Silhet. Presented by J. C. Bowring, Esq.

Genus 5. DIPLONYCHUS.

Diplonychus, *De Lap. Hem.* 18. *Burm. Handb. Ent.* ii. 194. *Serv. Hist. Hem.* 436—Nervinops, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 398.

1. Diplonychus urinator.

Appasus urinator, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 393—Appasus unicolor, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 394—Diplonychus urinator, *Mayr*, *Verh. Z. B. V. Wien.* xxi. 436.

Egypt.

2. Diplonychus molestus.

Appasus molestus, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 395—Nervinops rusticus, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 399, partly—Diplonychus molestus, *Mayr*, *Verh. Z. B. V. Wien.* xxi. 436.

Hindostan. Malacca.

3. Diplonychus eques.

Appasus eques, *L.-Duf. A. S. E. F.* 4*me Sér.* ii. 394—Diplonychus eques, *Mayr*, *Verh. Z. B. V. Wien.* xxi. 437.

Australia.

4. Diplonychus rusticus.

——— *Stoll. Pun.* 36, pl. 7, f. 6—Nepa plana? *Sulz. Alg. Gesch. Ins.* 92, pl. 10, f. 2—Nepa rustica, *Fabr. Syst. Rhyn.* 106. *Oliv. Enc.* viii. 189—Nervinops rusticus, *L.-Duf. A. S. E. F.* 1863, 399, partly—Diplonychus rusticus, *Mayr, Verh. Z. B. Wien.* xxi. 438.

Sumatra.

a. Bengal.
b. Hindostan. From Archdeacon Clerk's collection.
c. Hindostan. From the Entomological Society's collection.
d. North Hindostan. From Dr. Hooker's collection.
e. North Bengal. From Lieut. Campbell's collection.
f. Tenasserim. Presented by J. C. D. V. Packman, Esq.
g. Ceylon. From Mr. Layard's collection.
h—k. North China. From Mr. Fortune's collection.
l. Shanghai. From Mr. V. C. de Rivaz's collection.
m. Hong Kong. Presented by J. C. Bowring, Esq.
n, *o*. Java.
p. Philippine Isles. From Mr. Cuming's collection.
q. Philippine Isles. Presented by J. C. Bowring, Esq.
r. Interior of China. Presented by Lieut. Col. H. A. Sarel.
s—v. New South Wales. From Mr. Macgillivray's collection.
w. South Australia. Presented by R. Bakewell, Esq.
x. Australia. From Mr. Argent's collection.

Genus 6. NAUCORIS.

Naucoris, *Geoffr. Fabr. Latr. Burm. Handb. Ent.* ii. 193. *Serv. Hist. Hem.* 431. *Fieb. Eur. Hem.* 102. *Dougl. and Scott, Hem.* 579—Ilyocoris et Naucoris, *Stal, Hem. Afr.* iii. 175, 176.

This genus has been divided as follows:—

A. Head small, oval, porrect, with a tooth on each side at the tip. Side borders of the prothorax crenulated. Fore wings truncated, not gaping, not extending to the middle of the abdomen. - Cryptocricus.

B. Head large, transverse, broadly rounded in front. Side borders of the prothorax entire. Fore wings complete, gaping.

a. Labrum rounded at the tip.

* Fore angles of the prothorax extending to or a little in front of the middle of the eyes.

† Fore femora not or hardly widened at the base.

‡ Prothorax not or hardly bent in the middle between the eyes. - - - - - Ilyocoris.

‡‡ Prothorax distinctly or rather deeply bent in the middle between the eyes. - - - Ambrysus.

†† Fore femora abruptly widened at the base beneath.

‡ Second joint of the rostrum extending beyond the labrum. Mesosternum with a rather elevated keel. - - - - - - NAUCORIS.
‡‡ Second joint of the rostrum wholly or almost wholly hidden by the labrum. Mesosternum compressed and elevated lengthwise in the middle, and especially so hindward. - - - - MACROCORIS.
** Fore angles of the prothorax extending far beyond the middle or almost to the fore border of the eyes.
† Eyes bordered on the outer side in front by the angles of the prothorax. - - - BORBOROCORIS.
†† Eyes not bordered on the outer side in front. - LIMNOCORIS.
b. Labrum triangular, acute in front. - - - LACCOCORIS.

1. NAUCORIS CIMICOIDES.

——— ——— *Stoll, Pun.* 53, pl. 12, f. 8. *Roes. Ins.* iii. pl. 28. *Sulz. Ins.* pl. 10, f. 3. *Schell. Cim.* pl. 12. *Sch. Icon.* pl. 33, f. 3, 4—Nepa naucoris, *Deg. Ins.* iii. 375, pl. 19, f. 8, 9—Nepa cimicoides, *Linn. Syst. Nat.* i. 2, 714; *Faun. Suec.* 907. *Schrank. Ins.* 262—Naucoris cimicoides, *Geoff. Ins.* i. 474, pl. 9, f. 5. *Fabr. Ent. Syst.* iv. 66. *Syst. Rhyn.* 110. *Tign. Hist. Nat. Ins.* iv. 254, pl. 6, f. 1. *Latr. Hist. Nat. Ins.* xii. 285, pl. 97, f. 3; *Gen.* iii. 146. *Oliv. Enc.* viii. 143, pl. 374, f. 24. *Panz. Faun. Germ.* 95, 16. *Fall. Hem. Suec.* 176. *Burm. Handb. Ent.* ii. 193. *Brull. Hist. Nat. Ins.* ix. 271. *Spin. Hem.* 53. *L.-Duf. Rech. Hem.* 79. *Blanch. Hist. Nat. Ins.* iii. 92. *Serv. Hist. Hem.* 433. *Fieb. Eur. Hem.* 102. *Flor, Rhyn. Liv.* i. 753. *Dougl. and Scott, Hem.* 580—Ilyocoris cimicoides, *Stal.*

a, *b*. England. From Mr. Stephens' collection.
c—*l*. England.
m, *n*. France. Presented by W. W. Saunders, Esq.
o, *p*. France.

2. NAUCORIS MACULATUS.

Naucoris maculatus, *Fabr. Syst. Rhyn.* 110, 2. *Oliv. Hist. Nat. Ins.* ix. 272. *Blanch. Hist. Nat. Ins.* iii. 92. *Enc.* viii. 143; *Spin. Hem.* 54. *Brullé, Burm. Handb.* 194, 2. *Serv. Hem.* 434. *H.-Sch. Wanz. Ins.* ix. 39, pl. 293, f. 899—aptera, *L.-Duf. Rech. Hem.* 77.

Europe.

3. NAUCORIS POEYI.

Poeyi, *Guér. Ic. R. An. Ins.* pl. 57, f. 5; *Sagra, Hist. Cuba, Ins.* 418. *Serv. Hist. Hem.* 434, pl. 8, f. 5.

Mexico. Cuba.

a, *b*. Jamaica. From Mr. Gosse's collection.

4. Naucoris nepæformis.

nepæformis, *Fabr. Ent. Syst.* iv. 67, 3.

South America.

5. Naucoris bipunctulatus.

bipunctulatus, *H.-Sch. Wanz. Ins.* ix. 39, pl. 293, f. 900—Galgulus nebulosus, *Guér. Icon. R. Anim.* 351—Naucoris biuotulatus, *Stal*, *Rio Jan. Hem.* 83—Ilyocoris binotulatus, *Stal.*

Brazil.

Var.? *a*, *b*. Columbia. From M. Goudot's collection.

6. Naucoris insignis.

Limnocoris insignis, *Stal*, *Rio Jan. Hem.* 83.

Rio Janeiro.

7. Naucoris minusculus.

minusculus, *Walk. Zool. 2nd Ser.* 2380.

Wâdy Ferran. Tor.

8. Naucoris nepoides.

Naucoris nepoides, *Fabr. Syst. Rhyn.* 111.

Guinea.

9. Naucoris humeralis.

humeralis, *Sgnt. A. S. E. F. 3me Sér.* viii. 969—Ilyocoris humeralis, *Stal*, *Hem. Afr.* iii. 175.

Madagascar.

10. Naucoris parvulus.

parvulus, *Sgnt. A. S. E. F. 3me Sér.* viii. 970. *Stal*, *Hem. Afr.* iii. 176.

Madagascar.

11. Naucoris spurcus.

spurcus, *Stal*, *Ofv. K. V. Ak. Forh.* 1856, 197—Laccocoris spurcus, *Stal*, *Hem. Afr.* iii. 177.

Cape.

12. Naucoris limicola.

limicola, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 46—Laccocoris limicola, *Stal*, *Hem. Afr.* iii. 178.

Natal.

13. Naucoris limigenus.

Laccocoris limigenus, *Stal*, *Hem. Afr.* iii. 178.

Natal.

14. Naucoris obscuripennis.

obscuripennis, *Stal*, *Ofv. K. V. Ak. Forh.* xi. 239; *Eug. Resa*, 266.

Philippine Isles.

15. Naucoris scutellaris.

scutellaris, *Stal*, *Eug. Resa*, 266.

Java.

Div. 2.

Cryphocricus, *Sgnt. Rev. Zool.* 1850, 289. *Mayr*, *Novara Hem.* 182.

16. Naucoris Barozzii.

Cryphocricus Barozzii, *Sgnt. Rev. Zool*, 1850, 291, pl. 4, f. 10. *Mayr*, *Novara Hem.* 182.

Brazil.

Genus 7. MACROCORIS.

Macrocoris, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 970. *Stal*, *Hem. Afr.* iii. 176.

1. Macrocoris flavicollis.

flavicollis, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 970. *Stal*, *Hem. Afr.* iii. 176.

Zanzibar. Madagascar.

Genus 8. APHELOCHIRA.

Aphelochira, *Westw. Mag. Nat. Hist.* vi. 133. *Dougl. and Scott*, *Hem.* 577—Aphelocheirus, *Fieb. Gen. Hydr.* 4; *Eur. Hem.* 32, 103.

1. Aphelochira æstivalis.

Naucoris æstivalis, *Fabr. Syst. Rhyn.* 111. *Coq. Ill.* pl. 10, f. 4—Aphelocheirus æstivalis, *Westw. Mag. Nat. Hist.* vi. 228. *Dougl. and Scott*, *Hem.* 578—Aphelochira æstivalis, *Fieb. Gen. Hydr.* 15, pl. 1; *Eur. Hem.* 103.

a. England.

Fam. 2. NEPIDÆ.

Nepidæ, *Serv. Hist. Hem.* 437—Nepida, *Stal*, *Hem. Afr.* iii. 185—Nepina, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 106—Nepina, Ranatridæ and Nepidæ, *Dougl. and Scott*, *Hem.* 45—47

A. Body oblong, or slightly elongated.
a. Suture of the clavus almost obliterated. Membrane rudimentary. - - - - Telmatotrephes.
b. Suture of the clavus distinct. Membrane complete.

* Prothorax longer than broad. Fore tibiæ shorter by half than the fore femora. - - - - Curicta.
** Prothorax equally long and broad, or shorter than broad. Fore tibiæ a little shorter than the fore femora.
† Prothorax hardly or very slightly sinuated at the base. Nepa.
†† Prothorax distinctly sinuated at the base.
‡ Abdomen with short apical appendages. - Borborophilus.
‡‡ Abdomen with very long apical appendages. - Laccotrephes.
B. Body slender, very long.
a. Fore coxæ very long. - - - - - Ranatra.
b. Fore coxæ short. - - - - - Cercotmetus.

Genus 1. NEPA.

Nepa, *Linn. Faun. Suec.* 906. *Fabr. Syst. Rhyn. Burm. Handb. Ent.* ii. 195. *Serv. Hist. Hem.* 437. *Fieb. Eur. Hem.* 101. *Dougl. and Scott, Hem.* 583.

Europe.

1. Nepa cinerea.

——— ———, *Stoll, Pun.* ii. pl. 1, f. 2. *Geoffr. Ins.* i. 481, pl. 1. *Deg. Ins.* iii. 361, pl. 18, f. 1—13—Nepa cinerea, *Linn. Syst. Nat.* i. 2, 714; *Faun. Suec.* 906. *Fabr. Ent. Syst.* iv. 63; *Syst. Rhyn.* 107. *Tign. Hist. Nat. Ins.* iv. 249, pl. 5, f. 6. *Latr. Hist. Nat. Ins.* xii. 284, pl. 95, f. 8; *Gen.* iii. 148. *Oliv. Enc.* viii. 190, pl. 374, f. 12. *Fall. Hem. Suec.* 170. *Burm. Handb. Ent.* ii. 196. *Brull. Hist. Nat. Ins.* ix. 265. *Blanch. Hist. Nat. Ins.* iii. 90. *Serv. Hist. Hem.* 440. *Fieb. Eur. Hem.* 102. *Dougl. and Scott, Hem.* 584.

a—l. England.
m, n. France.
o. Spain. Presented by Major Parry.
p. Malaga. Presented by H. Woodward, Esq.
q, r. Amurland. From Mr. Higgins' collection.

Div. 2.

Laccotrephes, *Stal, Hem. Afr.* iii. 186.

2. Nepa Fabricii.

Nepa grossa, *Fabr. Syst. Rhyn.* 107—Laccotrephes grossus, *Stal, Hem. Afr.* iii. 186—Laccotrephes Fabricii, *Stal, Hem. Fabr.* iii. 186.

Guinea.

3. Nepa grossa.

grossa, *Fabr. Ent. Syst.* iv. 62; *Syst. Rhyn.* 107. *Oliv. Enc.* viii. 189. *Serv. Hist. Hem.* 440. *H.-Sch. Wanz. Ins.* ix. 29—Laccotrephes grossus, *Stal, Hem. Afr.* iii. 186.

Senegal.

4. Nepa fusca.

fusca, *Linn. Syst. Nat.* ii. 713. *Mus. Lud. Ulr.* 166. *Fabr. Syst. Rhyn.* 107.

5. Nepa atra.

Nepa atra, *Linn. Syst. Nat.* ed. 12, i. 2, 713—Nepa nigra, *Fabr. Syst. Rhyn.* 107—Laccotrephes ater, *Stal, Hem. Afr.* iii. 188—Laccotrephes niger, *Stal, Hem. Fabr.* i. 135.

Guinea. Senegal.

6. Nepa maculata.

Nepa maculata, *Fabr. Syst. Ent.* 692; *Sp. Ins.* ii. 334; *Mant. Ins.* ii. 277; *Ent. Syst.* iv. 63; *Syst. Rhyn.* 108—Nepa grisea, *Guér. Ic. Règne An. Ins.* 352, pl. 57, f. 7—Laccotrephes maculatus, *Stal, Hem. Fabr.* i. 135.

Hindostan.

7. Nepa vicina.

Nepa vicina, *Sgnt, Maill. Ile Réun. Ins.* 29—Laccotrephes vicinus, *Stal, Hem. Afr.* iii. 187.

Bombon.

8. Neaa annulipes.

Nepa annulipes, *De Lap. Silb. Rev. Ent.* i. 34—Laccotrephes annulipes, *Stal, Hem. Afr.* iii. 187.

Mauritius.

9. Nepa limosa.

Laccotrephes limosus, *Stal, Hem. Afr.* iii. 188.

Senegal.

10. Nepa rubra.

Nepa rubra, *Linn. Syst. Nat.* i. 2, 713; *Mus. Lud. Ulr.* 165. *Fabr. Mant. Ins.* ii. 277; *Ent. Syst.* iv. 62; *Syst. Rhyn.* 107. *Oliv. Enc.* viii. 189. *Burm. Handb. Ent.* ii. 196. *Blanch. Hist. Nat. Ins.* iii. 91. *Serv. Hist. Hem.* 440. *H.-Sch. Wanz. Ins.* ix. 29. *Mayr, Novara Hem.* 188—Nepa grossa, *Fabr. Ent. Syst.* iv. 62—Laccotrephes ruber, *Stal, Hem. Fabr.* i. 135—Nepa flavescens, *Dohrn, Stett. Ent. Zeit.* 1860, 409.

Tranquebar. Sidney.

a. Africa.
b. Abyssinia. Presented by the Secretary for Indian Affairs.
c. Natal. From M. Gueinzius' collection.
d. Corea. Presented by Capt. Sir E. Belcher.
e. Malacca. Presented by W. W. Saunders, Esq.
f. Siam. Presented by W. W. Saunders, Esq.
g. Celebes. From Madame Ida Pfeiffer's collection.
h. Philippine Isles.
i. Hong Kong. Presented by J. C. Bowring, Esq.
j. Hindostan. Presented by W. W. Saunders, Esq.

k. Sarawak. Presented by W. W. Saunders, Esq.
l. Java. Presented by W. W. Saunders, Esq.
m. Tondano. Presented by W. W. Saunders, Esq.
n. North Hindostan. From Dr. Hooker's collection.
o. Natal. From Mr. Stevens' collection.
p. South Africa. Presented by Sir A. Smith.
q. North China. From Mr. Fortune's collection.
r. North China. Presented by Mrs. Mason.
s. West Africa. Presented by A. Dolce, Esq.
t. Madagascar. From Madame Ida Pfeiffer's collection.
u. China.
v. Tenasserim. Presented by J. C. D. V. Packman, Esq.
w. Amboina. From Mr. Wallace's collection.
x. Cape. From M. Dregé's collection.
y. Timor. Presented by W. W. Saunders, Esq.
z. Australia. Presented by the Haslar Hospital.
aa. Port Essington. From Mr. Gould's collection.
bb. Moreton Bay. From Mr. Diggles' collection.

11. Nepa robusta.

Laccotrephes robustus, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 706.

Philippine Isles.

12. Nepa tristis.

tristis, *Stal*, *Ofv. K. V. Ak. Forh.* xi. 241 ; *Eug. Resa*, 266.

Sydney.

Div. 3.

Telmatotrephes, *Stal*, *Ofv. K. V. Ak. Forh.* xi. 241 ; xiii. 66 ; *Hem. Afr.* iii. 185.

13. Nepa sculpticollis.

Telmatotrephes sculpticollis, *Stal*, *Ofv. K. V. Ak Forh.* xi. 241 ; xiii. 66.

Columbia.

Div. 4.

Borborophilus, *Stal*, *Hem. Afr.* iii. 185, 188.

14. Nepa Afzelii.

Nepa Afzelii, *Stal*, *Ofv. K. V. Ak. Forh.* xviii. 203—Borborophilus Afzelii, *Stal*, *Hem. Afr.* iii. 188.

Sierra Leone.

Div. 5.

Borborophyes, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 706.

15. Nepa Mayri.

Borborophyes Mayri, *Stal*, *Ofv. K. V. Ak. Forh.* xxvii. 706.

Philippine Isles.

Genus 2. RANATRA.

Ranatra, *Fabr. Ent. Syst.* iv. 64. *Burm. Handb. Ent.* ii. 199. *Serv. Hist. Hem.* 441. *H.-Sch. Wanz. Ins.* ii. 29, pl. 42 ; viii. 21, pl. 255, f. F—K. *Fieb. Eur. Hem.* 102. *Stal, Hem. Afr.* iii. 189. *Dougl. and Scott, Hem.* 581.

1. Ranatra linearis.

———, *Stoll, Pun.* 52, pl. 12, f. 7. *Geoffr. Ins.* i. 480, pl. 10, f. 1—Nepa linearis, *Linn. Syst. Nat.* i. 2, 714 ; *Faun. Suec.* 908. *Deg. Ins.* iii. 369, pl. 19, f. 1, 2. *Tign. Hist. Nat. Ins.* iv. 247, pl. 5, f. 5—Ranatra linearis, *Fabr. Syst. Rhyn.* 109. *Latr. Hist. Nat. Ins.* xii. 282, pl. 96, f. 4 ; *Gen.* iii. 149. *Panz. Faun. Germ.* 95, 15. *Schill. Ins.* pl. 13, f. 1. *Curt. Brit. Ent.* pl. 281. *St. Farg. et Serv. Enc.* x. 267 (Nepa) pl. 22, f. 1—10; pl. 374, f. 16—29. *Burm. Handb. Ent.* ii. 199. *H.-Sch. Wanz. Ins.* x. 31, pl. 290. *Brull. Hist. Nat. Ins.* ix. 263. *Blanch. Hist. Nat. Ins.* iii. 90. *Hem.* pl. 1, f. 3. *Serv. Hist. Hem.* 413. *Fieb. Eur. Hem.* 102. *Flor, Rhyn. Liv.* i. 765. *Dougl. and Scott, Hem.* 582.

a—g. England.
h. France.
i. Hungary.
j—n. Bagdad. Presented by W. K. Loftus, Esq.

North America.

2. Ranatra fusca.

fusca, *Pal. Beauv. Ins. Hem.*

a, b. St. John's Bluff, E. Florida. Presented by E. Doubleday, Esq.
c—g. Connecticut. Presented by F. Walker, Esq.
h. Orizaba. From M. Sallé's collection.
i. Oajaca. From M. Sallé's collection.
j. Mexico. Presented by E. P. Coffin, Esq.

3. Ranatra nigra.

nigra, *H.-Sch. Wanz. Ins.* ix. 32. pl. 290, f. 1.

North America.

Mexico.

4. Ranatra quadridentata.

quadridentata, *Stal, Ofv. K. V. Ak. Forh.* xviii. 204.

Mexico.

West Indies.

5. Ranatra Fabricii.

Fabricii, *Guér. Sagra, Hist. Cuba, Ins.* 421.

Cuba.

South America.

6. Ranatra annulipes.

annulipes, *Stal*, *Ofv. K. V. Ak. Forh.* xi. 241 ; xviii. 204.

Brazil.

7. Ranatra unidentata.

unidentata, *Stal*, *Ofv. K. V. Ak. Forh.* xviii. 203.

Rio Janeiro.

Africa.

8. Ranatra rapax.

rapax, *Stal*, *Hem. Afr.* iii. 189.

Senegal.

9. Ranatra parvipes.

parvipes, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 970. *Stal*, *Hem. Afr.* iii. 189.

Madagascar.

Asia.

10. Ranatra elongata.

elongata, *Fabr. Skrivt. Nat. Selskal.* i. 228; *Ent. Syst.* iv. 65; *Syst. Rhyn.* 109. *Schneid. Neu. Mag.* i. 31. *St. Farg. et Serv. Enc.* x. 267. *Serv. Hist. Hem.* 442. *H.-Sch. Wanz. Ins.* ix. 31, pl. 290, f. 1. *Stal*, *Hem. Fabr.* i. 36.

a. Hindostan. Presented by W. W. Saunders, Esq.
b. North Bengal. From Lieut. Campbell's collection.
c. North China. From Mr. Fortune's collection.

11. Ranatra Chinensis.

Chinensis, *Mayr*, *Verh. Zool. Bot. Gesell. Wien.* xv. 446; *Novar. Hem.* 191, f. 59.

China.

12. Ranatra macrophthalma.

macrophthalma, *H.-Sch. Wanz.* ix. 34, pl. 290, f. K.

Hindostan?

12. Ranatra filiformis.

filiformis, *Fabr. Skrivt. Nat. Selskal.* i. 228 ; *Ent. Syst.* iv. 64 ; *Syst. Rhyn.* 108. *Schneid. Neu. Mag.* i. 31. *H.-Sch. Wanz. Ins.* ix. 31, pl. 290, f. H. *Stal*, *Hem. Fabr.* i. 135.

Hindostan.

a. Australia. Presented by the Earl of Derby in 1844.
b. South Australia. Presented by R. Bakewell, Esq.
c—f. ——— ?

14. Ranatra longipes.

longipes, *Stal*, *Ofv. K. V. Ak. Forh.* xviii. 203.

Java.

15. Ranatra varipes.

varipes, *Stal*, *Ofv. K. V. Ak. Foyh.* xviii. 203. *Mayr*, *Novara Hem.* 191.

Java.

Div.

Curicta, *Stal*, *Hem. Afr.* iii. 185.

16. Ranatra Scorpio.

Curicta Scorpio, *Stal*, *Ofv. K. V. Ak. Forh.* xviii. 203.

Mexico.

Genus 3. CERCOTMETUS.

Cercotmetus, *Serv. Hist. Hem.* 441.

1. Cercotmetus Asiaticus.

Asiaticus, *Serv. Hist. Hem.* 441.

a. Mount Ophir. Presented by W. W. Saunders, Esq.

Java.

2. Cercotmetus parmatus.

R. (Cercotmetus) parmata, *Mayr*, *Verh. Zool. Bot. Gesell. Wien.* xv. 446—Ranatra parmata, *Mayr*, *Novara Hem.* 192, f. 60.

Java. Philippine Isles.

PEDIREMI.

Fam. 1. CORIXIDÆ.

Corixidæ, *Serv. Hist. Hem.* 445—Corisæ, *Fieb. Eur. Hem.* 22—Corixina, Corixidæ and Sigaridæ, *Dougl. and Scott*, *Hem.* 49, 50—Sigarida, *Stal*, *Hem. Afr.* iii. 193.

A. Hind legs not very long.
 a. Antennæ four-jointed. Scutellum covered. - - Corixa.
 b. Antennæ three-jointed. Scutellum uncovered. - Sigara.
B. Hind legs very long. - - - - Nychia.

Genus 1. CORIXA.

Corixa, *Geoff. Ins.* i. 478. *Burm. Handb. Ent.* ii. 186—Corisa, *Serv. Hist. Hem.* 445. *Fieb. Eur. Hem.* 31, 90—Corisa and Cymatia, *Flor*, *Rhyn. Liv.* i. 801—Corixa and Cymatia, *Dougl. and Scott*, *Hem.* 613.

1. Corixa coleoptrata.

Sigara coleoptrata, *Fabr. Ins. Mant.* 298 ; *Sp. Ins.* ii. 332 ; *Ent. Syst.* iv. 60; *Syst. Rhyn.* 105. *Panz. Faun. Germ.* 50—Corixa coleoptrata, *Oliv. Enc.* vi. 119. *Tign. Hist. Nat. Ins.* iv. 243. *Burm. Handb. Ent.* ii. 188. *Fall. Hem. Suec.* 185. *Sahlb. Geoc. Fen.* 14. *H.-Sch. Wanz. Ins.* ix. 53, pl. 297, f. 915—Corisa coleoptrata, *Serv. Hist. Hem.* 448, pl. 8, f. 6. *Fieb. Syn.* 31 ; *Sp. Cor.* 51, pl. 2, f. 29 ; *Eur. Hem.* 90—Corisa (Cymatia) coleoptrata, *Flor, Rhyn. Liv.* i. 800—Cymatia coleoptrata, *Dougl. and Scott, Hem.* 614.

a—e. England. From Mr. Stephens' collection.
f—i. England.

2. Corixa Bonsdorffii.

Corixa Bonsdorffii, *Sahlb. Not. Fenn.* 13—Corixa Bonsdorffii, *Fall. Hem. Suec.* i. 184. *H.-Sch. Wanz. Ins.* ix. 53, pl. 297, f. 916, 917—Corisa Bonsdorfi, *Fieb. Eur. Hem.* 90—Corisa (Cymatia) Bonsdorffii, *Flor, Rhyn. Liv.* i. 801—Cymatia Bonsdorffii, *Dougl. and Scott, Hem.* 613.

Europe.

3. Corixa Geoffroyi.

——— ———, *Geoffr. Ins.* i. 478, pl. 9, f. 7. *Roes. Ins.* iii. pl. 29—Corixa Geoffroyi, *Leach Trans. Linn. Soc.* xii. 17. *Ramb. Faun. And.* ii. 193 — Sigara striata, *Panz. Faun. Germ.* 50, 23 — Corixa striata, *Fall. Cim. Suec.* 181. *L.-Duf. Rech. Hem.* 84. *Dougl. and Scott, Hem.* 593 — Corixa punctata, *Burm. Handb. Ent.* ii. 186—Corisa Geoffroyi, *Serv. Hist. Hem.* 447. *Fieb. Eur. Hem.* 91.

a—f. England. From Mr. Stephens' collection.
g—l. England.

4. Corixa xanthosoma.

Corixa hieroglyphica, *Spin. Ess. Hem.* 56—Corisa xanthosoma, *Fieb. Syn. Sp.* 2 ; *Sp. Cor.* 2, pl. 1, f. 2; *Eur. Hem.* 91.

South Europe.

5. Corixa platycnemis.

platycnemis, *Fieb. Sp. Cor.* 6, pl. 1, f. 6 ; *Eur. Hem.* 91.

South Europe.

6. Corixa macrocephala.

Corisa macrocephala, *Fieb. Syn.* 5 ; *Spec. Cor.* 5, pl. 1, f. 4 ; *Eur. Hem.* 91.

Sicily.

7. Corixa Panzeri.

Sigara striata, *Panz. Faun. Germ.* 50, 23—Corisa striata, *Fieb. Syn.* 3 ; *Spec. Cor.* 3, pl. 1, f. 3—Corisa Panzeri, *Fieb. Eur. Hem.* 93—Corisa Panzeri, *Dougl. and Scott, Hem.* 594.

Europe.

8. Corixa atomaria.

Corixa atomaria, *Illig.*—Corisa atomaria, *Fieb. Syn.* 4; *Spec. Cor.* 4, pl. 1, f. 5; *Eur. Hem.* 92—Corixa affinis, *Leach, Trans. Linn. Soc.* xii. 18. *Dougl. and Scott, Hem.* 595.

Europe.

9. Corixa lugubris.

Corisa lugubris, *Fieb. Syn.* 6; *Spec. Cor.* 18, 10, pl. 1, f. 10; *Eur. Hem.* 92. *Dougl. and Scott, Hem.* 596.

England. Germany.

10. Corixa Mayri.

Mayri, *Fieb. Eur. Hem.* 92.

Italy.

11. Corixa selecta.

Corixa selecta, *Fieb. Syn.* 7; *Spec. Cor.* 22, pl. 1, f. 19; *Eur. Hem.* 93.

Austria. Portugal.

12. Corixa apicalis.

Corisa apicalis, *Pict. Mey. Fieb. Eur. Hem.* 93.

Spain.

13. Corixa hieroglyphica.

hieroglyphica, *L.-Duf. Hem.* 86, f. 85—87. *Fieb. Syn.* 8. *Costa, Cim. Regni Neap. Cent.* ii. pl. 2, f. 2. *H.-Sch. Wanz.* ix. 59, pl. 297, f. 921. *Dougl. and Scott, Hem.* 598—Corisa hieroglyphica, *Fieb. Eur. Hem.* 93.

Europe.

a, b. England. Presented by J. C. Dale, Esq.

14. Corixa melanosoma.

Corisa melanosoma, *Fieb. Syn.* 9; *Spec. Cor.* 20, pl. 1, f. 21; *Eur. Hem.* 94. *Mayr, Novara Hem.* 193.

Italy. Madeira.

15. Corixa Hellensi.

Corixa Hellensi, *Sahlb. Not. Fenn.* 11. *Fall. Hem. Suec.* 183. *Fieb. Syn.* 13; *Spec. Cor.* 27, pl. 2, f. 6—Corisa Hellensi, *Fieb. Eur. Hem.* 94.

North Europe.

16. Corixa Sahlbergi.

——— ———, *Stoll, Pun.* pl. 15, f. 13 B; pl. 32, f. 15 C—Corixa striata, *Sahlb. Not. Fenn.* 9—Corisa Sahlbergi, *Fieb. Syn.* 10; *Spec. Cor.* 24, pl. 2, f. 3; *Eur. Hem.* 94—Corixa regulata, *H.-Sch. Wanz. Ins.* f. 910—Corixa Sahlbergi, *Dougl. and Scott, Hem.* 600.

Europe.

17. Corixa Stali.

Corisa Stali, *Fieb. Verh. Zool. Bot. Ges. Wien.* 1865—Corixa Stali, *Dougl. and Scott, Hem.* 597.

England.

18. Corixa Linnei.

Corisa Linnei, *Fieb. Syn.* 11; *Spec. Cor.* 25, pl. 2, f. 4; *Eur. Hem.* 94. *Flor, Rhyn. Liv.* i. 794—Corixa Linnei, *Dougl. and Scott, Hem.* 601.

North Europe.

19. Corixa transversa.

Corisa transversa, *Illig. Fieb. Syn.* 12; *Spec. Cor.* pl. 2, f. 5; *Eur. Hem.* 95.

Germany.

20. Corixa limitata.

Sigra undulata, Var. β., *Fall. Hydr.* 7—Corixa fossarum, β? *Fall. Hem. Suec.* 183?—Corixa stagnalis, *Leach, Trans. Linn. Soc.* xii. 17—C. striata, *Zett. Ins. Lapp.* 284—Corisa limitata, *Fieb. Syn.* 25; *Spec. Cor.* 42, pl. 2, f. 20; *Eur. Hem.* 95.

Europe.

21. Corixa semistriata.

Corixa striata, *Zett. Ins. Lapp.* Var. α.—Corisa semistriata, *Fieb. Syn.* 26; *Spec. Cor.* 43, pl. 2, f. 21; *Eur. Hem.* 95—Corisa undulata, *Costa, H.-Sch. Wanz. Ins.* ix. 57, pl. 297, f. 919—Corixa semistriata, *Dougl. and Scott, Hem.* 602.

Europe.

22. Corixa præusta.

Corisa præusta, *Fieb. Syn.* 15; *Spec. Cor.* 30, pl. 1, f. 1; *Eur. Hem.* 95.

North Europe.

23. Corixa concinna.

Corisa concinna, *Fieb. Syn.* 15; *Spec. Cor.* 31, pl. 2, f. 9; *Eur. Hem.* 96—Corixa concinna, *Dougl. and Scott, Hem.* 604.

England. Germany.

24. Corixa Gebleri.

Corisa Gebleri, *Kolenati, MSS. Fieb. Syn.* 16; *Spec. Cor.* 32, pl. 2, f. 10; *Eur. Hem.* 96.

Russia.

25. Corixa nigrolineata.

Corisa nigrolineata, *Fieb. Syn.* 24; *Spec. Cor.* 40, pl. 2, f. 18; *Eur. Hem.* 96—Corixa lineolata, *H.-Sch. Wanz. Ins.* ix. 55, pl. 295, f. 911—

Corixa lateralis? *Leach*—Corixa nigrolineata, *Dougl. and Scott, Hem.* 605.

a—f. England. From Mr. Stephens' collection.
g—i. England.

26. Corixa parallela.

Corisa parallela, *Fieb. Eur. Hem.* 96.

Greeee.

27. Corixa assimilis.

Corisa assimilis, *Fieb. Syn.* 20; *Spec. Cor.* 36, pl. 2, f. 14; *Eur. Hem.* 97.

Austria?

28. Corixa striata.

——— ———, *Stoll, Pun.* 65, pl. 15, f. 13—Notonecta striata, *Linn. Syst. Nat.* i. 2, 712; *Faun. Suec.* 904—Nepa striata, *Deg. Ins.* iii. 389, pl. 20, f. 1—17. *Tign. Hist. Nat. Ins.* iv. 242, pl. 5, f. 4—Corixa striata, *Leach, Trans. Linn. Soc.* xii. 163. *Burm. Handb. Ent.* ii. 187. *Spin. Hem.* 97. *Ramb. Faun. And.* ii. 193. *Dougl. and Scott, Hem.* 606—Corisa striata, *Serv. Hist. Hem.* 447. *Fieb. Eur. Hem.* 97—Corisa basalis, *Costa, H.-Sch. Wanz. Ins.* ix. 61, pl. 297, f. 918.

a—e. England. From Mr. Stephens' collection.
f—o. England.

29. Corixa Falleni.

Corixa undulata? *Fall. Hem. Suec.* 18—Corisa Falleni, *Fieb. Syn.* 18; *Spec. Cor.* 34. pl. 2, f. 12; *Eur. Hem.* 97—Corixa Falleni, *Dougl. and Scott, Hem.* 607.

England. Germany.

30. Corixa distincta.

Corisa distincta, *Fieb. Syn.* 19. *Bull. Mosc.* 1848; *Spec. Cor.* 35, pl. 2, f. 13; *Eur. Hem.* 97—Corisa Fieberi, *Kolenati, Mel. Ent.* 1857, vi. 280—Corixa distincta, *Dougl. and Scott, Hem.* 608.

North and Middle Europe.

31. Corixa mœsta.

Corisa mœsta, *Fieb. Syn.* 23; *Spec. Cor.* 39, pl. 2, f. 17; *Eur. Hem.* 98—Corixa mœsta, *Dougl. and Scott. Hem.* 610.

a. England. Presented by J. C. Dale, Esq.
b, c. England.

32. Corixa Fabrici.

Corisa abdominalis, *Fieb. Syn.* 22. *Bull. Mosc.* 1848—Corisa Fabrici, *Fieb. Spec. Cor.* 38, pl. 2, f. 16; *Eur. Hem.* 98.

Germany. Sweden. Russia.

33. Corixa fossarum.

Corixa fossarum, *Leach, Linn. Trans.* xii. 17. *Fall. Hem. Suec.* 182. *Dougl. and Scott, Hem.* 611—Corisa fossarum, *H.-Sch. Wanz. Ins.* ix. 55, pl. 295, f. 908. *Fieb. Syn.* 21; *Spec. Cor.* 37, pl. 2, f. 15; *Eur. Hem.* 98.

a—l. England. From Mr. Stephens' collection.
m—p. England.

34. Corixa carinata.

Corixa carinata, *Sahlb. Not. Fenn.* 12; *Fall. Hem. Suec.* 18—Corisa carinata, *Fieb. Syn.* 28; *Spec. Cor.* 47, pl. 2, f. 24; *Eur. Hem.* 99.

North Europe.

35. Corixa Dohrni.

Corisa Dohrni, *Fieb. Syn.* 27; *Spec. Cor.* 46, pl. 2, f. 25; *Eur. Hem.* 99.

Germany. Dalmatia.

36. Corixa propinqua.

Corisa propinqua, *Fieb. Eur. Hem.* 99.

Austria.

37. Corixa cognata.

cognata, *Fieb. Eur. Hem.* 99.

Swiss Alps.

38. Corixa Germari.

Corisa Germari, *Fieb. Syn.* 29; *Spec. Cor.* 48, pl. 2, f. 26; *Eur. Hem.* 99.

Saxony.

39. Corixa costalis.

Corisa costalis, *Fieb. Wien. Ent. Mon.* viii. 207.

Germany.

40. Corixa Fussi.

Corisa Fussi, *Fieb. Wien. Ent. Mon.* viii. 208.

Germany.

41. Corixa Rogenhoferi.

Corisa Rogenhoferi, *Fieb. Wien. Ent. Mon.* viii. 208.

Austria.

42. Corixa Scotti.

Scotti, *Fieb. MSS. Dougl. and Scott, Ent. M. Mag.* iv. 271.
Scotland.

43. Corixa Wollastoni.

Wollastoni, *Dougl. and Scott, Hem.* 603; *Ent. M. Mag.* iv. 98.
England.

44. Corixa decora.

decora, *Dougl. and Scott, Ent. M. Mag.* v. 265.
Scotland.

45. Corixa venusta.

venusta, *Dougl. and Scott, Ent. M. Mag.* v. 265.
Scotland.

46. Corixa dubia.

dubia, *Fieb. Dougl. and Scott, Ent. M. Mag.* v. 266.
Scotland.

47. Corixa perplexa.

perplexa, *Dougl. and Scott, Ent. M. Mag.* v. 267.
Scotland.

48. Corixa borealis.

borealis, *Dougl. and Scotr, Ent. M. Mag.* v. 293.
Shetland.

49. Corixa Whitei.

Whitei, *Dougl. and Scott, Ent. M. Mag.* v. 294.
Scotland.

50. Corixa Sharpi.

Sharpi, *Dougl. and Scott, Ent. M. Mag.* v. 295.
Scotland?

51. Corixa intricata.

intricata, *Dougl. and Scott, Ent. M. Mag.* v. 295.
Scotland.

52. Corixa castanea.

Corisa castanea, *Thoms. Opusc. Ent.* i. 2, 30.
Sweden.

53. Corixa salina.

Corisa salina, *Thoms. Opusc. Ent.* i. 2, 29—Panzeri? *Fieb.*
Sweden.

Note.—According to Thomson C. Geoffroyi, *Fieb.*=C. striata, *Fall.*; C. Sahlbergi, *Fieb.*=C. undulata, *Fall.*; C. striata, *Fieb.*=C. fossarum, Var. *b. Fall.*; C. Geoffroyi, *Flor.*=C. dentipes, *Thoms.*; C. carinata, *Fieb.* =C. cavifrons, *Thoms.*

54. Corixa lævis.

Corisa lævis, *Thoms. Opusc. Ent.* i. 2, 31.
Sweden.

55. Corixa prominula.

Corisa prominula, *Thoms. Opusc. Ent.* i. 2, 38.
Sweden.

56. Corixa glauca.

glauca, *Garbiglietti, Bull. Soc. Ent. Ital.* i. 279—nigrilineata, *Fieb.*
Sardinia.

57. Corixa Douglasi.

Douglasi, *Fieb. MSS. Dougl. and Scott, Hem.* 612.
England.

58. Corixa lævipennis.

lævipennis, *Sahlb. Not. Fenn.* 304.
Carelia.

59. Corixa pallidula.

pallidula, *Sahlb. Not. Fenn.* 306.
Carelia.

60. Corixa salina (bis lectum).

salina, *Puton, Pet. Nouv.* 124; *Mitth. Schw. Ent.* iii. 424.
Calais.

61. Corixa pullus.

pullus, *Heyden, Fos. Ins. Rhein. Braunkhols.* 10, pl. 1, f. 13.
Fossil.

North America.

62. Corixa Wallengreni.

Wallengreni, *Stal*, *Eug. Resa*, 268.

California.

63. Corixa decolor.

decolor, *Pack. Amer. Journ. Sci.* 1871.

California.

64. Corixa Kennicottii.

Corisa Kennicottii, *Uhler*.

a—d. Illinois. Presented by F. Walker, Esq.

65. Corixa annexa.

Corisa annexa, *Uhler*.

a—c. North Red River. Presented by F. Walker, Esq.
d, e. St. Martin's Falls, Albany River, Hudson's Bay. Presented by Dr. Barnston.
f, g. On the Saskatchowan. Presented by M. Bourgeau.

Mexico.

66. Corixa bimaculata.

bimaculata, *Guér. Icon. R. An. Ins.* 354.

a—f. Oajaca. From M. Sallé's collection.

West Indies.

67. Corixa nigripennis.

Sigara nigripennis, *Fabr. Syst. Rhyn.* 105—Corixa nigripennis, *Stal, Hem. Fabr.* i. 138.

West Indies.

68. Corixa irrorata.

irrorata, *Sturm. H.-Sch. Wanz. Ins.* ix. 60.

Isle Barthelemy.

69. Corixa Cubæ.

Corisa Cubæ, *Fieb. Sp. Cor.* 42. *H.-Sch. Wanz. Ins. Alph. Syn.* 68. *Guér. Icon. R. An. Ins.* 353, pl. 57, f. 9; *Sagra, Hist. Cuba, Ins.* 353.

Cuba.

70. Corixa reticulata.

Corisa reticulata, *Guér. Sagra, Hist. Cuba, Ins.* 423.

Cuba.

71. Corixa pygmæa.

Corisa pygmæa, *Fieb. Sp. Cor.* 24. *H.-Sch. Ind. Alph. Syn.* 70.

Cuba.

Asia.

72. Corixa ovivora.

ovivora, *Westw. Proc. Ent. Soc. Lond.* iv. (1871).

Canara.

73. Corixa hyalipennis.

Sigara hyalipennis, *Fabr. Syst. Rhyn.* 105—Corisa hyalipennis, *Fieb. Sp. Gen. Coris.* 39—Corixa hyalipennis, *Stal, Hem. Fabr.* i. 138.

Sumatra.

Genus 2. SIGARA.

Sigara, *Fabr. Syst. Rhyn.* 104. *Burm. Handb. Ent.* ii. 188. *Serv. Hist. Hem.* 448. *Fieb. Eur. Hem.* 31, 89. *Dougl. and Scott, Hem.* 615. *Stal, Hem. Afr.* iii. 193.

1. Sigara minutissima.

Notonecta minutissima, *Linn. Syst. Nat.* i. 2, 713; *Faun. Suec.* 905. *De Lap. Hem.* 20—Sigara minuta, *Fabr. Syst. Rhyn.* 105. *Leach, Trans. Linn. Soc.* xii. 14. *Coq. Ill. Icon.* pl. 10, f. 3. *Burm. Handb. Ent.* ii. 188. *H.-Sch. Wanz. Ins.* ix. 46, pl. 296, f. 907. *Fieb. E. Mon.* 13, pl. 1, f. 11—Corixa minutissima, *H.-Sch. Nom. Ent.* i. 63—Sigara minutissima, *Fieb. Eur. Hem.* 89. *Dougl. and Scott, Hem.* 616.

a—c. England. From Mr. Stephens' collection.
d—i. England.

2. Sigara leucocephala.

leucocephala, *Spin. Ess. Hem.* 59. *Serv. Hist. Hem.* 448; *Fieb. E. Mon.* 14; *Eur. Hem.* 89.

South Europe.

3. Sigara Lemana.

lemana, *Mey. Cat. Rh. Schweiz. Fieb. Eur. Hem.* 89.

Switzerland. Bohemia.

4. Sigara Scholtzi.

Scholtzi, *Fieb. Gen. Hydr.* 30; *Eur. Hem.* 90. *Scholtz, Arb. Ver.* 1846, 2.

Silesia. Spain.

5. Sigara Poweri.

Poweri, *Dougl. and Scott, Ent. M. Mag.* v. 296.
England.

6. Sigara fuscata.

fuscata, *Stal, Eug. Resa*, 268.
Monte Video.

7. Sigara scutellaris.

scutellaris, *Stal, Ofv. K. V. Ak. Forh.* xv. 319; *Hem. Afr.* iii. 193.
South Africa.

8. Sigara sulcata.

sulcata, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 971. *Stal, Hem. Afr.* iii. 193.
Madagascar.

Div. 2.

Nychia, *Stal, Eug. Resa*, 268.

9. Sigara limpida.

Nychia limpida, *Stal, Eug. Resa*, 269.
Wampoa, China.

Fam. 2. NOTONECTIDÆ.

Notonectidæ, *Serv. Hist. Hem.* 449—Notonectici, *Burm.*—Notonectida and Pleida, *Stal, Hem. Afr.* iii. 190, 192—Notonectidea, Notonectæ and Pleæ, *Fieb. Eur. Hem.* 22—Notonectica, *Flor.*—Notonectina, Notonectidæ and Pleidæ, *Dougl. and Scott, Hem.* 48.

A. Rostrum two-jointed. Antennæ three-jointed. - 1. Plea.
B. Rostrum four-jointed. Antennæ four-jointed.
a. Prothorax with a large impression in the fore angles. - 2. Enithares.
b. Prothorax with no impression on the fore angles.
* Fourth joint of the antennæ shorter than the third. - 3. Notonecta.
** Fourth joint of the antennæ longer than the third. - 4. Anisops.

Genus 1. PLEA.

Plea, *Leach, Trans. Lin. Soc.* xii. 14. *Fieb. Eur. Hem.* 31, 101. *Dougl. and Scott, Hem.* 591—Ploa, *Steph. Burm. Handb. Ent.* ii. 189. *Serv. Hist. Hem.* 449. *Fieb. Ent. Mon.* 17, 1.

Europe.

1. Plea minutissima.

——— ———, *Geoffr. Ins.* i. 477—Notonecta minutissima, *Fabr. Ent. Syst.* iv. 59; *Syst. Rhyn.* 104. *Panz. Faun. Germ.* 2, 12. *Oliv. Enc.*

viii. 389. *Tign. Hist. Nat. Ins.* iv. 258. *Latr. Gen.* iii. 150—Ploa minutissima, *Steph. Cat.* 2, 354. *Burm. Handb. Ent.* ii. 189. *Brull. Hist. Nat. Ins.* ix. 256. *Blanch. Hist. Nat. Ins.* iii. 89. *Serv. Hist. Hem.* 449. *H.-Sch. Wanz. Ins.* ix. 45—Plea minutissima, *Leach, Trans. Lin. Soc.* xii. 14. *Fieb. Eur. Hem.* 101. *Dougl. and Scott, Hem.* 591.

a—e. England. From Mr. Stephens' collection.
f—i. England.

Africa.

2. Plea pullula.

Ploa pullula, *Stal, Ofv. K. V. Ak. Forh.* xii. 89—Plea pullula, *Stal, Hem. Afr.* iii. 192.

Natal.

Eastern Isles.

3. Plea sobrina.

sobrina, *Stal, Eug. Besa*, 268.

Manilla.

4. Plea frontalis.

frontalis, *Fieb. Ent. Mon.* 18. *Mayr, Novara Hem.* 194.

Nicobar Isles.

Div. 2.

Helotrephes, *Stal, Eug. Resa*, 267.

5. Plea semiglobosa.

Helotrephes semiglobosus, *Stal, Eug. Resa*, 268.

Wampoa, China.

Genus 2. NOTONECTA.

Notonecta, *Linn. Syst. Nat.* 2, 712. *Fabr. Syst. Rhyn.* 102. *Latr. Gen.* iii. 150. *Burm. Handb. Ent.* ii. 190. *Serv. Hist. Hem.* 450. *Fieb. Eur. Hem.* 31. *Dougl. and Scott, Hem.* 585.

1. Notonecta glauca.

——— ———, *Stoll, Pun.* 54, pl. 12, f. 10. *Geoffr.* i. 476, pl. 9, f. 6—Nepa notonecta, *Deg. Ins.* iii. 382, pl. 18, f. 16, 17—Notonecta glauca, *Linn. Syst. Nat.* i. 2, 712; *Faun. Suec.* 903. *Fabr. Ent. Syst.* iv. 57; *Syst. Rhyn.* 102. *Panz. Faun. Germ.* 3, 20. *Oliv. Enc.* viii. 380, pl. 374, f. 31. *Tign. Hist. Nat. Ins.* iv. 236, pl. 5, f. 3. *Latr. Hist. Nat. Ins.* xii. 291, pl. 97, f. 41; *Gen.* iii. 150. *L.-Duf. Rech. Hem.* 88. *Burm. Handb. Ent.* ii. 190. *Brull. Hist. Nat. Ins.* ix. 255. *Blanch. Hist. Nat. Ins.* iii. 88. *Hem.* pl. 1, f. 2. *Serv. Hist. Hem.* 452. *Flor, Rhyn. Liv.* i. 772. *Dougl. and Scott, Hem.* 587—

Notonecta furcata, *Fabr. Ent. Syst.* iv. 58; *Syst. Rhyn.* 102. *Leach, Trans. Linn. Soc.* xii. 12. *Fall. Hem. Suec.* 178—Notonecta Fabrici, p., *Fieb. Rhynchot.* 49; *Eur. Hem.* 101—Notonecta marmorea, *Fabr. Syst. Rhyn.* 103.

a—i. England.
j. England. Presented by J. C. Dale, Esq.
k—n. Europe. Presented by W. W. Saunders, Esq.
o, p. Amurland. From Mr. Higgins' collection.

2. Notonecta maculata.

maculata, *Fabr. Ent. Syst.* iv. 58; *Syst. Rhyn.* 103. *Leach, Trans. Lin. Soc.* xii. 12. *Curt. Brit. Ent.* i. pl. 10. *Dougl. and Scott, Hem.* 588 lutea? *Mull. Zool. Dan. Prodr.* 11. *Fall. Hem.* 178. *Fieb. Rhynchot.* 49; *Eur. Hem.* 100.

a. England. From Mr. Stephens' collection.
b—i. England.

3. Notonecta nanula.

nanula, *Walk. Zool. 2nd Ser.* 2381.

Shoobra.

North America.

4. Notonecta Americana.

Americana, *Fabr. Ent. Syst.* iv. 58, 4; *Syst. Rhyn.* 6. *H.-Sch. Wanz.* ix. 44, pl. 294, f. 902.

a—c. Mexico. Presented by W. W. Saunders, Esq.

5. Notonecta undulata.

undulata, *Say, Descr. Hist. Hem.* 30.

Cuba?

a—i. North America. Presented by F. Walker, Esq.
j. ———?

Mexico.

6. Notonecta Mexicana.

Mexicana, *Serv. Hist. Hem.* 453, pl. 8, f. 7. *H.-Sch. Wanz. Ins.* ix. 43, pl. 291, f. 903.

Mexico.

a—c. Oajaca. From M. Sallé's collection.
d. Orizaba. From M. Sallé's collection.

West Indies.

7. Notonecta variabilis.

variabilis, *Fieb. Rhynch.* 53.

Cuba.

Australia.

8. Notonecta australis.

australis, *Stal, Ofv. K. V. Ak. Forh.* xii. 190.

a, b. Australia. From Mr. Damel's collection.

9. Notonecta primæva.

primæva, *Heyden, Fos. Ins. Rhein. Braunkohl.* 11, pl. 2, f. 12.

Fossil.

Div. 2.

Enithares, *Spin. Ess. Hem.* 60. *Stal, Hem. Afr.* iii. 190—Bothronotus, *Fieb. Rhynchotogr.* 46.

South America.

10. Notonecta grandis.

Notonecta grandis, *Germ. H.-Sch. Wanz. Ins.* ix. 42, pl. 295, f. 901.

Brazil.

South Africa.

11. Notonecta blandula.

Enithares blandula, *Sgnt. A. S. E. F. 3me Sér.* viii. 971. *Stal, Hem. Afr.* iii. 191.

Madagascar.

12. Notonecta sobria.

Notonecta sobria, *Stal, Ofv. K. V. Ak. Forh.* xii. 89—Enithares sobria *Stal, Hem. Afr.* iii. 191.

Natal.

South Asia.

13. Notonecta Sinica.

Notonecta Sinica, *Stal, Ofv. K. V. Ak. Forh.* xi. 241—Enithares Sinica, *Stal, Eug. Resa*, 267.

Wampoa, China. Philippine Isles?

a, b. Hong Kong. Presented by J. C. Bowring, Esq.
c. Hong Kong. From Mr. Harrington's collection.
d. Amoy. From Mr. Stevens' collection.

14. Notonecta Indica.

Notonecta Indica, *Fabr. Syst. Rhyn.* 103—Enithares Indica, *Stal, Hem. Fabr.* i. 137.

Sumatra.

Genus 3. ANISOPS.

Anisops, *Spin. Ess. Hem.* 60. *Serv. Hem.* 453. *Ramb. Faun. And.* ii. 190. *H.-Sch. Wanz.* ix. 40. *Stal, Hem. Afr.* iii. 191.

1. Anisops niveus.

Notonecta nivea, *Fabr. Syst. Rhyn.* 103. *Oliv. Enc.* viii. 389. *Burm. Handb. Ent.* ii. 191. *Blanch. Hist. Nat. Ins.* iii. 89—Anisops niveus, *Spin. Hem.* 58. *Ramb. Faun. And.* ii. 190. *Serv. Hist. Hem.* 454—Anisops productus? *Fieb. Rh. Not.* 60. *Gen. Hydr.* pl. 3; *Eur. Hem.* 100.

Egypt. Hindostan.

a. South Europe.

2. Anisops Marshalli.

Antipalocoris (N. G.) Marshalli, *Scott, Ent. M. Mag.* viii. 244.

Corsica.

West Indies.

3. Anisops pallipes.

Notonecta pallipes. *Fabr. Syst. Rhyn.* 103—Anisops platycnemis? *Fieb.*—Anisops pallipes, *Stal, Hem. Fabr*, i. 137.

West Indies.

4. Anisops dominicanus.

dominicanus, *H.-Sch. Wanz. Ins.* ix. 41, pl. 294, f. 905.

St. Domingo.

Africa.

5. Anisops productus.

productus, *Fieb. Rhynchot.* 60. *Stal, Hem. Afr.* iii. 191—Natalensis, *Stal, Ofv. K. V. Ak. Forh.* xii. 89.

Egypt. Gabon. Natal.

6. Anisops perpulcher.

perpulcher, *Stal, Ofv. K. V. Ak. Forh.* xii. 89; *Hem. Afr.* iii. 192.

Natal.

7. Anisops vitreus.

vitreus, *Sgnt. A. S. E. F.* 3*me Sér.* viii. 972. *Stal, Hem. Afr.* iii. 192.

Madagascar.

8. Anisops apicalis.

apicalis, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 89; *Hem. Afr*, iii. 192.

Natal.

9. Anisops ciliatus.

Notonecta ciliata, *Fabr. Ent. Syst. Suppl.* 524; *Syst. Rhyn.* 103—Anisops hyalinus? *Fieb.*—Anisops ciliata, *Stal*, *Hem. Fabr.* i. 137.

Isle of France. Hindostan?

Australia.

10. Anisops australis.

Notonecta australis, *Stal*, *Ofv. K. V. Ak. Forh.* xii. 190—Anisops australis, *Stal*, *Eug. Resa*, 267.

Australia.

The limits assigned to this Catalogue require the omission of some corrections in nomenclature and of some new genera and species lately published.

ERRATA.

PART I.

Page 136.

ARMA COLORATA.

This name must be annulled; the species described is Euthyrhynchus punicus, p. 143.

PART II.

Page 252.

PROXYS DELIRATOR.

P. crenatus, p. 252.
P. hastator, p. 252.

Page 410.

For Fam. 13. UROSTYLIDÆ *read* Fam. 7. UROSTYLIDÆ.

PART IV.

Page 80.

For Prothorax rather slender *read* Antennæ rather slender.

Page 186.

For GONOCERUS INDICATOR *read* GONOCERUS INSIDIATOR.

PART VI.

Page 56.

For 27. LOPUS PARTILUS *read* 27. LOPUS PARTITUS.

PART VIII.

Page 35.

For *Hem. Afr.* read *Hem. Fabr.*

Page 38.

For 4. RHAPHIDOSOMA CARINATUM *read* 4. RHAPHIDOSOMA CARINATA.

Page 74.

Bcharus rufipes is here recorded by error as a Trichoscelis.

Page 91.

For Genus 8. STHIENARA *read* Genus 8. STHIENERA.

Pages 95 and 96.

For Rhinoceris *read* Rhinocoris.

Page 97.

HARPACTOR ARENACEUS.

Coranus arenaceus, *Walk. Zool.* 2380.

Harkeko. Tajura.

Page 150.

For *Scop. Flor. et Faun. Insects* read *Scop. Flor. et Faun. Insubr.*

Page 151.

For *Scop. Flor. et Faun. Insects* read *Scop. Flor. et Faun. Insubr.*

For STAGMIGRADI *read* STAGNIGRADI.

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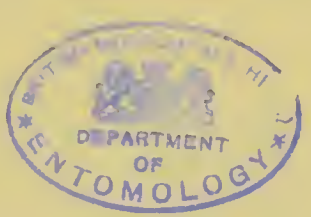

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